

R-09-2023 A Resolution Authorizing the Award of a Professional Services Contract to Murphy & Dittenhafter Architects in Connection with Architectural and Engineering Services for the City of Glenarden

**City Council of the City of Glenarden, Maryland
2023 Legislation**

Resolution Number: **R-09-2023**
Sponsor: **Derek D. Curtis, II, Council President**
Co-Sponsor: **At the request of the Administration**
Public Hearing: **Tuesday, September 13, 2022**
Session: **Regular Session**
Date of Introduction: **Monday, September 19, 2022**

A RESOLUTION AUTHORIZING THE AWARD OF A PROFESSIONAL SERVICES CONTRACT TO MURPHY & DITTENHAFTER ARCHITECTS IN CONNECTION WITH ARCHITECTURAL AND ENGINEERING SERVICES FOR THE CITY OF GLENARDEN

WHEREAS, the City of Glenarden (City) requires the services of a consulting architectural and engineering firm in connection with several projects in the City; and

WHEREAS, the City did solicit a Request for Proposals (RFP) For General Architectural and Engineering Services through the fair and open process, and evaluated each firm as to its qualifications to provide these services; and

WHEREAS, the City is awarding this contract pursuant to Section 825 of the Charter of the City of Glenarden: and

WHEREAS, Murphy and Dittenhafer Architects possess the necessary qualifications to undertake the projects upcoming in the City and have submitted the attached proposal dated May 27, 2022 to provide services.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of Glenarden, Maryland sitting in **Regular Session this 19th day of September, 2022** as follows:

1. The Mayor or Council President is authorized to execute a professional services agreement in substantially the form of the attached with the firm of Murphy & Dittenhafer Architects for an Indefinite delivery/indefinite quantity (IDIQ) contract.
2. This agreement is awarded under Section 825 Professional Services Exception under the Charter.
3. A notice inviting proposals for contractors to submit bids has been in circulation for at least five days prior to the awarding of the contract in the newspaper.

R-09-2023 A Resolution Authorizing the Award of a Professional Services Contract to Murphy & Dittenhafter Architects in Connection with Architectural and Engineering Services for the City of Glenarden

4. The award of this contract shall be subject to the condition that Murphy & Dittenhafer Architects, provide all necessary documentation as mentioned in the RFP.

28 The Resolution shall take effect immediately upon passage by the City Council.

29 Date Approved: _____

30 ATTEST:

City Council of Glenarden

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33 Victoria Lewis, Council Clerk

Derek D. Curtis, II, Council President

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Angela D. Ferguson, Council Vice President

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Erika L. Fareed, Councilwoman

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James A. Herring, Councilman

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Kathleen J. Guillaume, Councilwoman

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Maurice A. Hairston, Councilman

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Robin Jones, Councilwoman

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53 Votes:

54 Yes _____

55 No _____

56 Abstain _____



CITY OF GLENARDEN, MARYLAND

Request for Proposal
2022-01
Architectural/Engineering (A/E)
Professional Services

Date:
May 27, 2022 | 2:30PM

Frank E. Dittenhafer II, FAIA, LEED AP
Murphy & Dittenhafer Architects
805 North Charles Street
Baltimore, Maryland 21201
fed@murphdittarch.com

TAB 1)

COVER LETTER



May 27, 2022

Ms. Consuella Barbour, City Manager
Office of the City Manager
8600 Glenarden Parkway
Glenarden, MD 20706



**Re: Request for Proposals (RFP) 2022-01
Architectural/Engineering (A/E) Professional Services**

Dear Ms. Barbour,

Murphy & Dittenhafer, Inc. (M&D) is very pleased to provide this Proposal Submission in response to the City of Glenarden's Request for Proposals #2022-01 for Architectural/Engineering (A/E) Professional Services. The M&D Architectural/Engineering Team is well positioned to comprehensively and successfully complete the scope of services required by the City of Glenarden. Our Team's full understanding of the City's needs as demonstrated within the following proposal is highlighted by:

- Significant expertise with renovation, new construction, planning, design, and construction management within varied categories of work anticipated to be assigned under this local, municipal On-Call Contract – including project components such as **City Hall, Council Chambers, Parks/Playgrounds, and EV Charging Stations**.
- Considerable similar experience with On-Call Contracts for many State, County, and local government entities throughout the State of Maryland as well as experience within Prince George's County.
- Comprehensive Architectural, Engineering, and Consulting Team with a **long-standing history of successful collaborations** on On-Call Contracts and the specific relevant project types.
- A team with exceptional **design creativity** and a focus on **cost-effective solutions** that respects budgets – offering an exceptional "**Cost Benefit**" value to the City of Glenarden.
- **Available workload capacity and proven capability to respond expeditiously** to the City of Glenarden service task requests – including the capability to undertake two (or more) projects simultaneously.

Let me emphasize that Murphy & Dittenhafer, Inc. is particularly interested in assisting the City of Glenarden and we have the relevant experience, available personnel and skills necessary to provide high-quality results which enhance the services and amenities provided to the City's community – and that maximize return on investment.

Please feel free to contact me with any questions.

Very truly yours,

Frank E. Dittenhafer II, FAIA, LEED AP, President

Murphy & Dittenhafer, Inc.
805 North Charles Street
Baltimore, Maryland 21201
410•625•4823
410•625•4674 FAX

TAB 2)

SCOPE OF SERVICES/

PROJECT UNDERSTANDING/

PROJECT APPROACH

Project Understanding

M&D understands that this is an **On-Call contract** with the City of Glenarden for projects ranging from building renovations to site planning, and that the majority of projects will be smaller contracts that will be required to be completed in a **time-sensitive** manner. Projects might include new construction, renovations, space planning, and site planning. The anticipated scope of work will include schematic design through permit submission, bid assistance, and construction administration.



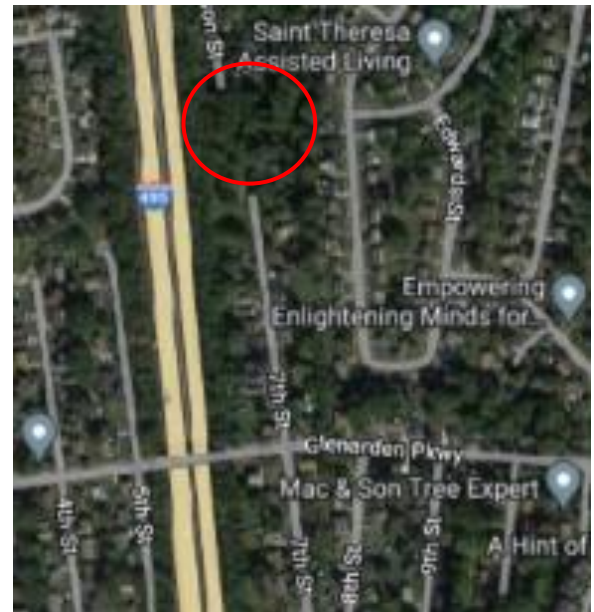
Our understanding is that the City has an immediate need for two specific projects:

The first project addresses the existing **Council Chambers** on the lower level of City Hall. This space requires a full renovation to accommodate Council members and community members returning to in person meetings. Work will include a new dias, seating for community members, new recording and video display systems, upgraded data and telecom systems, and new lighting and finishes throughout. The new space will be a **modern, well-appointed space** for the City Council and community to conduct business. The adjacent meeting space will also be affected by this work; the team will study the effects to determine any upgrades required as a result of the work in the Council Chambers.



The second project involves **general site planning** for a public park located at end of 7th Street. Work for this effort will include general site planning to locate a playground structure as well as a fitness station. Design considerations will include existing mature trees as well as site topography.

Other potential upcoming projects include electric charging stations at City Hall.



M&D's Team Approach to Implementing & Managing Projects

- **Availability** of Multiple Architectural Project Managers for **optimal responsiveness** to requests for service – and the ability to undertake multiple projects simultaneously, if needed.
- **Respond quickly** to requests for service:
 - **Review anticipated project scope** with City of Glenarden Project Manager.
 - **Determine** which **Engineering and Consulting member** firms may be needed based upon the project scope.
 - **Visit the project site** as needed (coordinate with team engineers/consultants as needed).
 - **Develop a proposal** for the assigned project to be submitted to the City, and which contains the scope of services to be provided, the anticipated phasing of such services, the City's budget for the work, anticipated duration of project phases, and a cost-effective fee for services.
- **Schedule kick-off meeting** (in person or virtual as appropriate) upon approval of our proposal and fee for services.

M&D's Team Approach to Implementing & Managing Projects, continued

- **Develop Project schedule** for City of Glenarden approval.
- Determine frequency and Schedule Project Meetings (in person or virtual as appropriate) to get these on everyone's schedules.
- Organize and manage the A/E Team to **develop required deliverables** based upon approved project phasing and schedule.
- **Manage/focus A/E progress**; thoroughly explore all design opportunities, cost savings measures, systems, code compliance measures, adjacencies, finishes, and complete/accurate documentation to achieve pleasing, productive municipal environments.
- Develop Construction **Cost Estimates** as needed to ensure the project can be constructed within the established budget.
- Work with the City of Glenarden to obtain all necessary **Permits**.
- **Manage** the competitive **Bidding** Process (as appropriate).
 - Provide comprehensive management and oversight services during project Construction: Ensure construction schedule and budget are met; minimize change orders; achieve Facility occupancy on schedule.
- **Provide** comprehensive **management and oversight** services during **project Construction**.
 - Ensure construction schedule and budget are met.
 - Minimize change orders.
 - Achieve Facility/Park occupancy/use on schedule.

Control of Project Scope and Cost

Management of scope and cost will be **continuous throughout** all City of Glenarden projects, punctuated by thorough reviews at the completion of each design stage and careful review of construction progress and observations during each construction site visit. We will work closely with our team to ensure a **concentrated approach to the project** is executed and we'll ensure our design is respectful of the intended budget. M&D will **control the project cost** by continuously monitoring scope and design in comparison to the allotted project budget to ensure constructability. We will continuously consider **design solutions and alternatives** to reconcile project cost and expectations, and as required, we will engage in true value engineering efforts to resolve any inconsistencies in overall budget.

Early and knowledgeable **code compliance analysis** is especially critical for the variety of project types anticipated through this On-Call contract – as code and occupancy regulations will create parameters that will inform possibilities and restrictions of the design, and further inform the project scope. Our **quality assurance reviews** will ensure **clear and concise communication** of the scope to the City to avoid any oversights or unnecessary cost. Moreover, systematic reviews during the design and construction phases will eliminate scope “creep” and cost escalation and maintain accountability for all members of the team.

“Smart” Approach to Modernizing Aging Structures and Park Site Within Budget

M&D is recognized for our ability to creatively approach existing spaces and sites, connecting aging structures with progressive, contemporary elements that reinvent buildings/sites and prepare them for present-day and new uses, and which yield practical design solutions for renovation projects that are creative, resourceful, and appropriate to each site and/or situation. **Our approach** entails **maximizing design opportunities appropriately** – at the right locations and spaces within the program area, and not unnecessarily “over-designing” certain spaces – and ensuring the site features are enhanced by the design. We have received many awards and much recognition for renovation projects which revive and reinvent aging structures. Our team approaches challenging spaces with ingenuity to holistically enhance the user experience.



Mitchell Courthouse/Council Chambers Renovation



TAB 3)

QUALIFICATIONS/
STANDARD FORM 330

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> Architectural/Engineering (A/E) Professional Services – City of Glenarden, Maryland		
2. PUBLIC NOTICE DATE April 25, 2022	3. SOLICITATION OR PROJECT NUMBER 2022-01	

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE Frank E. Dittenhafer II, FAIA, LEED AP, President		
5. NAME OF FIRM Murphy & Dittenhafer, Inc.		
6. TELEPHONE NUMBER 410-625-4823	7. FAX NUMBER 410-625-4674	8. E-MAIL ADDRESS fed@murphdittarch.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	JV	SUB			
a.	X		Murphy & Dittenhafer, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	805 N. Charles Street Baltimore, MD 21201	Architecture & Overall Project Management
b.		X	KES Engineering, Inc. <i>MBE # 00-316</i> <input type="checkbox"/> CHECK IF BRANCH OFFICE	6325 Woodside Court Suite 220 Columbia, MD 21046	Mechanical, Electrical, Plumbing, & Fire Protection Engineering
c.		X	Triad Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1075-D Sherman Avenue Hagerstown, MD 21740	Civil, Geotechnical, and Traffic Engineering and Landscape Architecture
d.		X	Cagley & Associates, Inc. <i>MBE # 07-228</i> <input type="checkbox"/> CHECK IF BRANCH OFFICE	6141 Executive Boulevard Rockville, MD 20852	Structural Engineering
e.		X	Convergent Technologies Design Group, Inc. <i>WBE # 12-060</i> <input type="checkbox"/> CHECK IF BRANCH OFFICE	6501 York Road Baltimore, MD 21212	Data, Telecommunication, & Security Consulting
f.		X	CostCon Construction Services, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1504 Wild Cranberry Drive Crownsville, MD 21032	Cost Estimating
g.		X	Aria Environmental, Inc. <i>WBE # 04-010</i> <input type="checkbox"/> CHECK IF BRANCH OFFICE	5292 B Enterprise Street Sykesville, MD 21784	Hazardous Materials Consulting
h.			 <input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*

CITY OF GLENARDEN, MARYLAND
Architectural/Engineering (A/E) Professional Services
2022-01

MURPHY & DITTENHAFER
Architecture & Overall Project Management
Frank E. Dittenhafer II, FAIA, LEED AP – Principal in Charge
Stefanie J. Tincher, AIA – Project Manager
Kevin S. Stick – QA/QC | Construction Administrator
Jonathan A. Taube, Associate AIA – Architectural Designer | Digital Visualization Specialist

KES ENGINEERING
Mechanical, Electrical, Plumbing, & Fire Life Safety Engineering
MBE #00-316
Kesuith Smith, PE – Project Mechanical Engineer
Karl M. Gumnick – Project Electrical Engineer
Mina Hutchinson – Electrical Engineer

TRIAD ENGINEERING
Civil, Geotechnical, & Traffic Engineering & Landscape Architecture
Billie J. Swailes, PE – Professional Civil Engineer
Eric H. Iser, PE – Civil Project Engineer
Steve J. Gyurisin, PE – Professional Geotechnical Engineer

CAGLEY & ASSOCIATES
Structural Engineering
MBE #07-228
Frank S. Malits, PE – Principal Structural Engineer


CONVERGENT TECHNOLOGIES DESIGN GROUP
Data/Telecom/Security Consulting
WBE #12-060
D. William Holaday, CTS-D, DMCD, VSSD – Design Principal
Brian Whitlock, CTS-D, RCDD, DMC-D – Telecom and Security Principal
Alexander Good, CTS-D, DMC-T-4K – Senior Designer

COSTCON CONSTRUCTION SERVICES
Cost Estimating
Lloyd Bernstein – President Chief Estimator

ARIA ENVIRONMENTAL
Hazardous Materials Consulting
WBE #04-010
Julie Barth, CIH, CSP, LEED Green Associate – Certified Industrial Hygienist
Brian Sciorilli – Environmental Engineer

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Frank E. Dittenhafer II, FAIA, LEED AP	13. ROLE IN THIS CONTRACT Principal in Charge	14. YEARS EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 34
15. FIRM NAME AND LOCATION <i>(City and State)</i> Murphy & Dittenhafer Architects, Baltimore, Maryland			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, University of Pennsylvania Bachelor of Science in Architecture, Pennsylvania State University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Maryland, Architecture Pennsylvania, Architecture Virginia, Architecture Delaware, Architecture	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED Accredited Professional; American Institute of Architects Fellow Member; Morgan State University Advisory Board; Penn State University Advisory Board; Charles Street Development Corporation Board Member; Baltimore City Public Art Commission Board Member; Garrett Jacobs Museum Endowment Fund Board Member			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Mitchell Courthouse Renovation Baltimore, Maryland <i>(On-Call Contract Project)</i>	2019	2019
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. M&D provided comprehensive Architectural and Engineering Services related to the Interior Renovations to the third & fourth floors of the Clarence Mitchell Courthouse. M&D initially undertook an extensive Programming and Space Planning Study, met with user groups and judges, and as a result prepared several potential layout approaches/options for the renovation – one of which was selected as the most beneficial. Renovations included two new courtrooms, Jury deliberation rooms, and Judge’s Chambers. SF: 20,000 Construction Cost: \$1.6M		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Sarah’s Hope Site Improvements Baltimore, Maryland	2017	2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. This project dramatically improved the overall aesthetic and usable function of the site by removing approximately 15,000 sf of impervious surface and providing new green space totaling approximately 16,200 sf of area and nearly 5,000 sf of tenant and community playground space. The two immense parking areas were reduced in size to accommodate actual occupant needs, relocated, and lowered to align with the elevation of the street. Stormwater Bioretention facilities are strategically located at the rear and front of the site to treat 100% of rainfall. SF: 21,200 Construction Cost: \$1.3M		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Spring Garden Township Municipal Complex Building and Violet Hill Recreation Park, York, Pennsylvania	2021	2021
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. M&D designed a new Municipal Building for Administration, Police, Recreation, Council Chambers, and Public Meetings, as well as a new Outdoor Recreation Facility to be constructed on the same site. The site design met the regulatory requirements for a site development plan, stormwater management and erosion controls and is designed to meet zoning requirements for landscaping, hardscape, and parking. The Design team worked closely with the Township’s Recreation Committee to provide the recreational facilities that were needed and were appropriate for this setting. Bids came in \$2M under budget. SF: 24,000 Const. Cost: \$8.1M		
<input checked="" type="checkbox"/> Check if project performed with current firm		
City of Frostburg Public Safety Building Frostburg, Maryland	2021	2021
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. M&D initially prepared a Planning and Feasibility Study for renovations to the existing city-owned Frostburg Public Safety building for potential renovation and additions. The renovations and additions to 37 South Broadway provided the City of Frostburg with the ability to consolidate to consolidate the City Administration offices and the Police Department functions into one building, as well as add a Public Meeting room for use for a variety of City functions, new offices for City Hall, and improved Police Department space. SF: 14,000 Construction Cost: \$4.8M		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Forum Office Building Renovation Harrisburg, Pennsylvania	2023 (est.)	2023 (est.)
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Extensive renovation of the Forum Office Building including addition of EV charging ports; window replacement and exterior envelope restoration; modernized, open office workspaces; updated HVAC, electrical, and life safety systems high density storage in the State Law Library; and public lobby/restroom renovations within a phased, occupied setting. SF: 379,000 Const. Cost: \$88M		
<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stefanie J. Tincher, AIA	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Murphy & Dittenhafer Architects, Baltimore, Maryland			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, 2005 University of Virginia		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Maryland, Architecture	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Institute of Architects Member; Previous Commissioner of Rockville Historic District Commission			




19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	William Donald Shaefer Tower Building Conditions Assessment and Part I & Part II Program, Baltimore, Maryland <i>(On-Call Contract Project)</i>	2022	2022
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M&D was recently selected to perform assessment and programming services of the William Donald Schaefer Tower which was built as a commercial office building in 1986. The property primarily houses offices various state government agencies. A comprehensive Building Code Analysis will be performed as part of the Building Assessment, and we will incorporate key aspects of the analysis into the Part I & II Programs. SF: 305,400 Construction Cost: N/A – Study		
b.	City of Annapolis Judge’s Chambers Renovation Annapolis, Maryland	2022	2022
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Architect coordinating efforts to renovate existing office space for two new Judge’s Chambers as well as meeting space. Spaces include the Chamber spaces, administrative space, offices, and restrooms. Work included presentation of multiple options for space configuration to best meet the needs of users. SF: 2,500 Construction Cost: N/A		
c.	City of Rockville Master Planning Rockville, Maryland	2021	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The City of Rockville required a master planning effort to renovate the existing City Hall in conjunction with a newly purchased office building to accommodate all city government departments. Spaces included Council Chambers, public and confidential meeting spaces for both staff and community members, offices, and support spaces. Document included existing conditions analysis, program requirements, and test fit options. SF: 100,000 Construction Cost: N/A - Study		
d.	M-NCPPC Park Police Master Planning & Renovations Landover, MD	2020	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Architect coordinating Master Planning programming efforts followed by design and construction documents for a phased renovation of a newly purchased office building to accommodate Park Police Headquarters as well as the department’s IT division. Spaces included detention areas, offices, and support spaces as well as community meeting rooms. SF: 90,000 Construction Cost: \$9.9M		
e.	Legislative Services Building Assessment Annapolis, MD	2020	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Architect for a Building Conditions Assessment report to document existing conditions and viability of existing spaces. Information gathered for the purposes of informing future renovations. Spaces studied included Legislative Chambers, offices, and support spaces. SF: 102,000 Construction Cost: N/A - Study		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


12. NAME Kevin S. Stick	13. ROLE IN THIS CONTRACT QA/QC Construction Administrator	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Murphy & Dittenhafer Architects, Baltimore, Maryland			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associate in Architectural Technology, 1981 Harrisburg Area Community College		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Certified: Professional Building Code, International Existing Building Code, International Existing Building Accessibility Code			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Spring Garden Township Municipal Complex Building and Violet Hill Recreation Park, York, Pennsylvania	2021	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M&D designed a new Municipal Building for Administration, Police, Recreation, Council Chambers, and Public Meetings, as well as a new Outdoor Recreation Facility to be constructed on the same site. The site design met the regulatory requirements for a site development plan, stormwater management and erosion controls and is designed to meet zoning requirements for landscaping, hardscape, and parking. The Design team worked closely with the Township’s Recreation Committee to provide the recreational facilities that were needed and were appropriate for this setting. Bids came in \$2M under budget. SF: 24,000 Construction Cost: \$8.1M		
b.	Harford County Sheriff’s Office Building Renovation Bel Air, Maryland <i>(On-Call Contract Project)</i>	2018	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE An initial comprehensive master planning/scope confirmation led to upgrades, modernizations, and renovations to the Sheriff’s Office building, including MEP and life safety systems, HVAC system, ceiling conditions, floor plan/layout, etc. A plan to have continuous occupancy during a phased construction approach was identified and implemented. The renovation created a more efficient floorplan/layout and improved work environment aesthetic. SF: 8,600 Construction Cost: \$3.8M		
c.	New Severn Intergenerational Center Ellicott City, Maryland	2022 (est.)	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The new Severn Intergenerational Center will contain a Senior Activity Center and a regional Boys and Girls Club. The building is conceived as three primary masses connected by service wings that contain two warming kitchens, mechanical rooms, and roof top equipment. The entry to the building is composed of a shared “drop-off” canopy that leads to a shared vestibule between the tenant spaces. The site also includes ample accessible parking spaces, walking paths that pass along the tree line, a patio, community gardens and landscape buffer against Reed Road. SF: 28,000 Construction Cost: \$12M		
d.	ABC Catherine Park New Construction & Renovations Baltimore, Maryland <i>(On-Call Contract Project)</i>	2020	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Under an On-Call Contract with Balt City Dept. of Rec & Parks, the renovation of the existing Park was designed. The new Park design will transform the park into a fun, engaging place for the community with improved play areas, pedestrian access, landscaping, and a new, small building for community use with toilet facilities and storage. A new entry at the intersection of the streets bounding the park provides a new way in with signage and replacement fencing. SF: 660 Construction Cost: \$1.2M		
e.	Towanda Recreation Center Renovation Baltimore, Maryland <i>(On-Call Contract Project)</i>	2020	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Under an On-Call Contract with Balt City Dept. of Rec & Parks, M&D designed the renovations to the Towanda Recreation Center located in north Baltimore City, Maryland to improve the community and user experience. Renovations to transform the dated, worn facility into a more welcoming and engaging space. The main entrance opens into a transformed gathering space to provide entertainment and meeting areas for youth. SF: 1,150 Construction Cost: \$400,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jonathan A. Taube, Associate AIA	13. ROLE IN THIS CONTRACT Architectural Designer Digital Visualization Specialist	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Murphy & Dittenhafer Architects, Baltimore, Maryland			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Architecture, 2016 Tulane Graduate School of Architecture		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Institute of Architects Associate Member			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Carroll County Office of the State’s Attorney Westminster, Maryland	2023 (est)	2023 (est)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project includes an initial Space Planning and Programming Study for a new Office of the State’s Attorney, as well as a Parking Study, and Master Plan for additional county buildings on the several acre County-owned parcel. M&D has work closely with Carroll County and the States Attorney’s Office personnel to layout an efficient workspace that balances client privacy between departments, unique space needs specific to their operations and developed a collaborative design that anticipates future growth and advances in technology. SF: 26,500 Construction Cost: \$14M		
b.	New Severn Intergenerational Center Ellicott City, Maryland	2022 (est.)	2022 (est.)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The new Severn Intergenerational Center will contain a Senior Activity Center and a regional Boys and Girls Club. The building is conceived as three primary masses connected by service wings that contain two warming kitchens, mechanical rooms, and roof top equipment. The entry to the building is composed of a shared “drop-off” canopy that leads to a shared vestibule between the tenant spaces. The site also includes ample accessible parking spaces, walking paths that pass along the tree line, a patio, community gardens and landscape buffer against Reed Road. SF: 28,000 Construction Cost: \$12M		
c.	Spring Garden Township Municipal Complex Building and Violet Hill Recreation Park, York, Pennsylvania	2021	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm M&D designed a new Municipal Building for Administration, Police, Recreation, Council Chambers, and Public Meetings, as well as a new Outdoor Recreation Facility to be constructed on the same site. The site design met the regulatory requirements for a site development plan, stormwater management and erosion controls and is designed to meet zoning requirements for landscaping, hardscape, and parking. The Design team worked closely with the Township’s Recreation Committee to provide the recreational facilities that were needed and were appropriate for this setting. Bids came in \$2M under budget. SF: 24,000 Construction Cost:		
d.	ABC Catherine Park New Construction & Renovations Baltimore, Maryland <i>(On-Call Contract Project)</i>	2020	2022
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Under an On-Call Contract with Balt City Dept. of Rec & Parks, the renovation of the existing Park was designed. The new Park design will transform the park into a fun, engaging place for the community with improved play areas, pedestrian access, landscaping, and a new, small building for community use with toilet facilities and storage. A new entry at the intersection of the streets bounding the park provides a new way in with signage and replacement fencing. SF: 660 Construction Cost: \$1.2M		
e.	Prince George’s Community College Largo, Maryland	2021 (est.)	2021 (est.)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Programming and Planning study which evaluated multiple options related to exterior additions and comprehensive interior renovations. Interior and exterior renovation and expansion of this existing academic building reinvented Lanham Hall with a new iconic image for the 21 st century and provided new, state-of-the-art building systems. Additionally, the design provides a comprehensive student learning center supporting Workforce Development and Continuing Education (WDCE) programs and student support programs and services. SF: 93,727 Construction Cost: \$32M		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kesuith Smith, P.E.	13. ROLE IN THIS CONTRACT Project Mechanical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 24

15. FIRM NAME AND LOCATION <i>(City and State)</i> KES Engineering, Inc. 7061 Deepage Drive, Suite 103B Columbia, MD 21045	
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MS/ Engineering/ 1988/ The Catholic University of America BSME/ 1985/ Howard University	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Aug. 1992 / PE / DC Reg. No.: 9806 / Mechanical Sept.1995 / PE / Maryland Reg. No.: 21524 / Mechanical Mar. 1998 / PE / Virginia Reg. No.: 032541 / Mechanical Dec. 2012/ PE / Pennsylvania Reg. No.: PE080541 / Mechanical
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> 1.American Society of Mechanical Engineers 2.American Society of Heating, Refrigerating & Air-Conditioning Engineers.
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a. Fairmont High School Replacement, Prince Georges County, Maryland	2012	2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Plumbing and Fire Protection Engineer for design of new high school of approximately 225,000 sf. The building is being designed to meet LEED Gold criteria. The plumbing system includes multiple toilet rooms, commercial gas fired water heater and a commercial kitchen. The fire protection systems include wet pipe sprinkler system and stand-pipe fire protection system. The construction budget is approximately \$74 million. (July 2008 – Nov 2017)		
b. Hyattsville Area Elementary, Prince Georges County, Maryland	2011	2013
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Plumbing Engineer for design of new Elementary school of approximately 85,000 sf. The building is being designed to meet LEED Gold criteria. The plumbing system includes multiple toilet rooms, commercial gas fired water heater and a commercial kitchen. The construction budget is \$24 million. (June 2009 – Present)		
c. Palmer Park Community Center, Prince Georges County, Maryland.	2015	2015
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Mechanical Engineer and Project Manager for MEP design. Project involves partial demolition of existing facility, total renovation of approximately 6,100 SF of existing facility and addition of approximately 25,900 SF new building. Carried out mechanical calculation for HVAC systems, selected HVAC equipment, designed ductwork distribution system, designed HVAC controls system, prepared specification for HVAC system, and provided construction period support services.		
d. Maryland-National Capital Park and Planning Commission	2005	2005
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Mechanical Engineer and MEP Project Manager for eight (8) park facility renovations located in Prince George's County, Maryland. Renovations included HVAC, Plumbing, Fire alarm, Fire protection, interior lighting, and exterior lighting systems renovations/modifications and upgrading.		
e. Berwyn Heights Elementary School, Prince Georges County, Maryland	2002	2002
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Mechanical Engineer and Project Manager for MEP design. Project involves energy evaluation of three alternative mechanical systems complying with the Maryland Department of General Services guidelines; selection, design and specification of new mechanical systems for 33,000 S.F. of existing facility total renovation and 10,000 S.F. of new educational facility.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Karl M. Gumnick	13. ROLE IN THIS CONTRACT Project Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 7 Years

15. FIRM NAME AND LOCATION <i>(City and State)</i> KES Engineering, Inc. 6325 Woodside Court, Suite 220 Columbia, MD 21046	
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./ Electrical Engineering/1986/ Johns Hopkins University	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2005/ Professional Engineer (PE) Maryland No.: 32062 / Electrical 1995 / CDT Certified Documents Technologist
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Institute of Electronic and Electrical Engineers (IEEE) Construction Specifications Institute (CSI)
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(1) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if</i>
Pimlico Elementary/Middle School, Baltimore City Public Schools, Maryland	2018	2018
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical engineer responsible for entire electrical system design and specification for new facility of approximately 117,600 sq. ft. The electrical system includes normal and emergency power distribution, interior and exterior lighting, fire alarm, emergency generator sizing and MEMA coordination, coordination with BGE for providing electrical service.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Arlington Elementary/Middle School, Baltimore City Public Schools	2019	2019
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical engineer responsible for entire electrical system design and specification for new facility of approximately 120,000 sq. ft. The electrical system includes normal and emergency power distribution, interior and exterior lighting, fire alarm, emergency generator sizing and MEMA coordination, coordination with BGE for providing electrical service	<input checked="" type="checkbox"/> Check if project performed with current firm	
Maryland Port Authority- DMT-Mestek Redevelopment-Baltimore, Maryland	2017	2017
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project electrical engineer with responsibility for the development of deconstruction and new work drawings and specifications for new vehicular access facility at the Port of Baltimore. The Electrical system involves underground medium voltage upgrade, site lighting for the new site as well as power distribution and lighting for new guard booth. Also provided design and specification for emergency standby generator.	<input type="checkbox"/> Check if project performed with current firm	
Palmer Park Community Center, Prince Georges County, Maryland.	2015	2015
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical Engineer responsible for total renovation of approximately 6,100 SF of existing facility and addition of approximately 25,900 SF new building. Carried out electrical calculation and designed power distribution, interior and exterior lighting, fire alarm systems. Also prepared specification electrical systems and provided construction period support services.	<input type="checkbox"/> Check if project performed with current firm	
Community College of Baltimore County, Central Plant Boiler and Chiller Replacements, Baltimore, Maryland	2007	2009
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical Engineer for replacement of boilers and chillers. Provided two separate designs and specifications contracts for these replacements. Electrical work primarily was to investigate existing electrical system to support and repower the new equipment. A new Motor Control Center was required.	<input type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mina Hutchinson	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION <i>(City and State)</i> KES Engineering, Inc. 6325 Woodside Court, Suite 220 Columbia, MD 21046			
			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. – 2010 – Rochester Institute of Technology, Rochester, New York, USA		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Arlington Elementary/Middle School, Baltimore City Public Schools, Maryland.	2019	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Electrical engineer responsible for detailed design of normal and emergency power distribution and circuiting, fire alarm, interior and exterior lighting calculation and selection of light fixtures in coordination with project architect and space program. Designed lighting control system to meet energy conservation code and LEED requirements. Coordinated Electrical design with Plumbing, and Fire protection systems to avoid clashes. The new facility is approximately 120,00 sq. ft. The design scope involves the partial demolition of the facility followed by total renovation and addition of completely new sections to the school. The project design is pursuing LEED Gold certification under the LEED for School Certification.		
b.	Pimlico Elementary/Middle School, Baltimore City Public Schools, Maryland	2018	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Electrical engineer responsible for detailed design of normal and emergency power distribution, fire alarm, interior and exterior lighting calculation and selection of light fixtures. Designed lighting control system to meet energy conservation code and LEED requirements. Coordinated Electrical design with Plumbing, and Fire protection systems to avoid clashes. The project design is pursuing LEED Gold certification under the LEED for School Certification. The facility is 117,600 sq. ft.		
c.	Mary E. Rodman Elementary School, Baltimore City Public Schools. Maryland.	2018	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Electrical engineer responsible for interior and exterior lighting calculation and selection of light fixtures in coordination with project architect. Designed lighting control system to meet energy conservation code and LEED requirements. Coordinated lighting design with electrical power systems design, Plumbing, and Fire protection systems to avoid clashes. The facility is approximately 73,500 sq. ft. and involves total MEP systems replacement and completely new building additions.		
d.	University of Maryland Medical Center – Anatomic Pathology Lab, Baltimore, MD	2017	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Electrical designer responsible for BIM and CAD design and interdisciplinary coordination. Provided detailed design of normal and emergency power distribution, fire alarm, interior lighting calculation, lighting control system, and selection of light fixtures. This 14-phase project involves the complete renovation of the entire APL lab of approximately 11,000 sf. The design complied with Baltimore City Green Building standards.		
e.	NCI Director's Office Space Modification – National Cancer Institute/NIH	2016	2016
	(3) <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided detailed electrical design and coordination of the lighting design with the client. The project had very tailored requirements for the end-user lighting and power density which required a large amount of coordination between NCI and KES. Multiple lighting calculations were produced to ensure the desired lighting levels, aesthetic, and code requirements were met.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Billie J. Swailes, PE	13. ROLE IN THIS CONTRACT Professional Engineer (Civil)	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)
Triad Engineering, Inc. (Washington County, MD)



16. EDUCATION (Degree and Specialization) Hagerstown Junior College, AAS, Mechanical Engineering Technology 1991	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) P.E. #34688 (Maryland)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Swailes is currently Practice Leader of the Civil Engineering Department. In this capacity, he is responsible for implementing the following facets of design and layout: storm water management plans, water quantity control and water quality through Environmental Sensitive Design BMPs, storm drainage system analysis, floodplain hydrology and hydraulic studies, detailed grading plans, erosion sediment control plans, sanitary sewer systems design and plans, water distribution and service design and plans, landscape plans, permitting through local, state and federal agencies, and land planning.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a	Town of Boonsboro, MD – On Call Town Engineer Consultant	2006-Present	On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Engineer responsible for review of development plans within the Town, to include roadway, stormwater, utility and drainage. Also in this capacity responsible for design of projects like remediation at the Keedysville spring headworks for the Town's water supply, and design plans for replacement of water main and laterals for Mapleville Road. Have also performed inspection and analysis of existing sewer lines for I&I and FOG backups.		
b	Frederick County IDIQ, Task Order, Maintenance Facility Renovations, Frederick County, MD	2019-Present	On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Engineer and Project Manager for IDIQ Contract with Frederick County as part of a design team led by Murphy & Dittenhafer Architects. Task order to provide civil design services for renovations/upgrades to County yard areas, drainage/stormwater management, grading, paving, utilities and other broad site upgrades at their Maintenance Facility.		
c	City of Gaithersburg IDIQ Contract for Citywide Improvements, Gaithersburg, MD	2015-Present	On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Civil Engineer and project manager for IDIQ contract with City of Gaithersburg. Triad was first awarded this contract in 2015 and has served the City through this contract consistently to present through a series of renewal options. Triad has worked on many design projects through this contract including, but not limited to, redevelopment of former Consumer Product Safety Commission facility into a new park facility and the redevelopment of MedImmune Park		
d	Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	2008-Present	On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Civil Engineer Triad in partnership with landscape architecture firm, Human & Rohde, Inc. has consistently maintained a contract with Frederick County for park and recreation projects. Projects have included design of new parks, redesign and/or expansions to existing parks, design of various park facilities, buildings and infrastructure such as roadways, trails, bridges and parking. Mr. Swailes has served as the Senior Civil Engineer on numerous projects through this contract...		
e	Prince Georges Community College, Largo, MD	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Engineer responsible for the design of site features in support of renovation/addition project to existing 3-story classroom building. The footprint of the building addition was approximately 19,000 square feet. Design features included utility relocations, storm water management, storm drain system, and permitting through local and state agencies.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Eric H. Iser, PE	13. ROLE IN THIS CONTRACT Project Engineer (Civil)	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State) Triad Engineering, Inc. (Washington County, MD)	
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16. EDUCATION (Degree and Specialization) BS/Civil Engineering, WVU	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PE#15062, WV
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Iser is currently a Project Engineer in the Civil Engineering Department. In this capacity, he is responsible for the design and layout of residential, institutional, commercial, industrial, roadway, utility, and water resource projects. These include the following facets of design and layout: storm water management plans, water quantity control and water quality through Environmental Sensitive Design Best Management Practices, storm drainage system analysis, detailed grading plans, erosion sediment control plans, sanitary sewer systems design and plans, water distribution and service design and plans, landscape plans, dam remediation plans, roadway engineering and construction design and plans, permitting through local, state and federal agencies, and land planning. Not only is he responsible for the designs but also for working with the client, attending public meetings, and processing the plans through the review agencies to obtain final approvals for permitting.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Utica Farm Stead Trail Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	2020	2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer responsible for design services in support of project to create 1,500 linear feet of new trail and an amphitheater. The purpose for the new trail was to connect the parking lot at the farmhouse to surrounding outbuildings and barn structure. Triad provided site plan, improvement plan, erosion and sediment control and stormwater management plans. We also provided full construction documents and construction administration during the construction bidding process.		
Middletown Park Rehabilitation and Expansion Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	2016	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer Park expansion goals were focused on the eastern section of the park and proposed additional athletic fields, playground areas, restrooms, upgrades to existing pond, and more. In addition, project included plans to improve existing park components that have reached the end of their life cycle such as signage, paving, building upgrades, existing athletic facilities, entrance road and parking lot improvements. Civil services included preparation of stormwater management plan, site plan, improvement plan and erosion sediment control plan.		
Utica District Park Phase II, New Park Design Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	2016	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer The project consisted of providing civil engineering design for a quarter mile of roadway with a vehicular/pedestrian bridge over a wetland/stream, 3 multi-purpose fields, lighting of fields in existing Phase I, water distribution system, 3 playground areas, associated parking areas, and the grading for 2 baseball and an additional multi-purpose field for a future phase. Triad also performed civil design plans for a new synthetic turf field that was included as an alternate and the design of multiple innovative storm water management water quality structures that eliminated the need for large ponds. The design incorporated numerous bio facilities, and other ESD non-structural BMPs to meet the new regulations.		
Othello Park, New Park Design Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	2015	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer The Master Plan for Othello Regional Park outlined development goals for 214 acres of land into a regional park system. The first phase of development encompassed approximately 50 acres and focused on the development of park road systems, athletic fields, a maintenance facility, water and sewer services, playgrounds, small picnic pavilions, picnic shelters, restroom buildings and other amenities. This project also included design of parking lots, paved and natural walking trails, 2 vehicular stream crossings, and numerous storm water management (SWM) facilities. In addition, Triad worked with Maryland State Highway Administration (SHA) to design a new park entrance off Maryland Route 180. This included widening of the roadway, creation of a new turn lane, acceleration and deceleration lanes, striping, extending culverts and SWM BMPs. Within the park roadway system, Triad designed multiple pedestrian and bridge crossings. The athletic field designs included multi-story press boxes, light poles and scoreboards.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Steve J. Gyurisin, PE	13. ROLE IN THIS CONTRACT Professional Engineer, Geotechnical	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State) Triad Engineering, Inc. (Washington County, MD)	
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16. EDUCATION (Degree and Specialization) Virginia Polytechnic Institute and State University MS, Civil Engineering, 2010 The Catholic University of America BS, Civil Engineering, 2006	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> • PE #40821 PE #40821 (Maryland, 2011) • PE #0402049739 (Virginia, 2011) • PE #19416 (West Virginia, 2011) • PE #PE906397 (District of Columbia, 2011) • PE #PE079662 (Pennsylvania, 2012)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Gyurisin is currently the Geotechnical Practice Leader for Triad’s Eastern Region. He is responsible for management, monitoring and performance of geotechnical investigations, laboratory testing, field inspections and sinkhole remediation. Mr. Gyurisin is also responsible for specialty foundation inspections such as deep foundations and ground improvement systems and for slope stability investigation, analysis and design, including remediation and reinforced slopes.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <i>Prince George’s Community College – Lanham Hall, Largo, MD</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Senior Geotechnical Engineer</i> responsible for a detailed geotechnical investigation for an addition to Lanham Hall. Geotechnical services included soil borings, laboratory testing and preparation of a detailed geotechnical report. Triad worked closely with design team including structural engineer and architect to develop appropriate recommendations for SWM and the structure itself.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <i>Washington Co. Rubble Reclamation Landfill Closure Cap Design Washington County, MD</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Principal Geotechnical Engineer</i> in charge of field exploration that consisted of 13 test pits that explored the existing cap materials. Laboratory Testing on soil samples included Standard Proctor, Grain Size Analysis and Atterberg Limits. Data reports were supplied upon completion Preparation of data report. Subcontracted by SCS Engineers to provide land surveying, and geotechnical support to assist in the design of the landfill closure cap. These services were provided in accordance with the Refuse Disposal Permit.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <i>Westminster WWTP ENR Upgrade Westminster, MD</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013-2016	CONSTRUCTION (If applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Senior Geotechnical Engineer</i> in charge of geotechnical engineering design and field services related to the design and construction of the expansion to the existing WWTP facility. Project includes demolition of several existing structures, construction of a new office building, blower building, generator pads, de-nitrification filter facility, septage treatment building, intermediate pumping station, methanol facility, 12 foot diameter lime silo, solids processing/maintenance building and a chemical storage/odor control scrubber. Geotechnical services included performing 20 soil borings, extensive laboratory testing and development of a detailed geotechnical reports. Geotechnical reports included detailed shallow and deep foundation design recommendations, floor slab and retaining wall design recommendations, excavation and shoring recommendation, detailed pavement analysis and design, groundwater remediation and drainage recommendations, construction details, general earthwork recommendations, and SWM design/construction recommendations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <i>Smithsburg Waste Water Treatment Plant, Washington County, MD</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Principal Geotechnical Engineer</i> in charge geotechnical exploration for upgrades to the Smithsburg Water Water Treatment Plant. The geotechnical exploration consisted of borings for the design of foundations of a new building and storage tank. Foundation recommendations were provided for structural design of the foundations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <i>Conococheague WWTP Plant, Washington County, MD</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Principal Geotechnical Engineer</i> in charge geotechnical exploration for upgrades to the Conococheague Water Water Treatment Plant. The geotechnical exploration consisted of borings and infiltration tests for the design of storm water management facilities associated with new structures at the site. Recommendations were provided for design of the storm water management facilities.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E. for each key person.)

12. NAME Frank S. Malits, P.E.	13. ROLE IN THIS CONTRACT Principal Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 28
15. FIRM NAME AND LOCATION <i>(City and State)</i> Cagley & Associates, Inc. (C&A) – Rockville, MD CAGLEY & ASSOCIATES			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architectural Engineering – 1987 Pennsylvania State University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Engineer – AZ, CT, DC, GA, MD, MA, MN, MS, NJ, NY, OH, PA, TN, TX, VA, WV	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> As a Principal for the firm, Frank specializes in the leadership of C&A’s largest government projects, working with local, state, and federal clients to deliver projects within budget and schedule parameters. His wide range of previous experience includes secure government facilities, courthouses, high-technology corporate facilities, speculative office buildings and mixed-use development. Frank is a licensed registered engineer (PE) and demonstrates experience leading the structural design for large, complex projects,			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> College Park City Hall Redevelopment College Park, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New City Hall for the City of College Park includes 38,000 sq. ft. for the City, 45,000 sq. ft. of office space for the University of Maryland and 7,000 sq. ft. of retail on the ground level. The building is organized around a new civic plaza that marks the heart of the City of College Park, Maryland. The 4-story concrete framed building includes a new city council chamber, public meeting space, and a central lobby connecting the neighborhood to the East with the plaza on the building’s West side. Retail fronts on Baltimore Avenue with outdoor dining activating the plaza. Both the plaza and building incorporate sustainable features for energy and responsible treatment of water. Size: 95,000 sq. ft.; Cost: \$35M; Role: Structural Engineering Principal-in-Charge (PIC)		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Howard County Circuit Courthouse Columbia, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New, recently completed, \$150,000,000 Howard County District Courthouse. The design/build project includes a 240,000 sq. ft. courthouse and a 700-car parking structure. The 4-story steel-framed courthouse structure, highlighted with a 4-story day-lit atrium, includes space for the State’s Attorney, Sheriff, local Bar Association, Maryland Public Defender, Clerk of Courts, as well as office space and courtrooms for six judges, a large jury assembly area, a cafeteria and a fitness center. The adjacent parking garage is a long-span precast concrete frame designed for a future horizontal expansion. The project was completed on time and on budget, despite the global COVID pandemic, through Howard County’s first public-private partnership (P3). CMAR. BIM. LEED Gold. Size: 240,000 sq. ft. Cost: \$150M. Role: PIC		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Southern Area Aquatics & Recreation Center (SAARC) Brandywine, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> 2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This project is the first Multi-Generational Community Recreation Center in Prince George’s County. The facility includes a natatorium that includes a lap pool, leisure pool and spa, a double gymnasium, a fitness center, an elevated running track, and flexible programmable space for community activities. The Atrium serves as the main circulation artery as well as the space for community gatherings which bisects the community side of the facility containing the administration, group fitness, warming kitchen to accommodate outside caterers, and multi-use and program spaces with that of the recreational spaces such as the natatorium, gymnasium and fitness areas. Design/Build. BIM. LEED Silver. Size: 75,000 sq. ft.; Cost: \$25M; Role: PIC		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Multiple Projects for the Maryland National Capital Park and Planning Commission - Montgomery County, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE For over 40 years, C&A has performed structural engineering services on a number of projects for MNCPPC, both as a prime and as a subconsultant to various firms. The following is a partial list of FSM tasks performed: Brookside Gardens Education Center Renovation; Browning Barn Renovation at Little Bennett Golf Course. Size: varies; Cost: varies; Role: PIC		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> State of Maryland/Department of General Services Structural Design and Engineering Services Indefinite Delivery Contract	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE For 11 years, Mr. Malits was a part of Cagley & Associates’ indefinite delivery contract for the State of Maryland Department of General Services. The tasks included restoration of the Fair Hill Grandstands, Fair Hill, MD; Pedestrian Bridge Repairs at the Annapolis District Courthouse, Annapolis, MD; the Upgrade of the Public Safety Educational & Training Center Rifle Range, Sykesville, MD; and Renovations of the Maryland State Court Office Building, Annapolis, MD. Size: varies; Cost: varies; Role: PIC		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME D. William Holaday, CTS-D, DMCD, VSSD	13. ROLE IN THIS CONTRACT Design Principal	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 20

15. FIRM NAME AND LOCATION (City and State) Convergent Technologies Design Group, Inc. (Baltimore, MD)	
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16. EDUCATION (DEGREE AND SPECIALIZATION) The Johns Hopkins University, Baltimore MD, M.A. Acoustics, 2001 Peabody Conservatory of Music of the Johns Hopkins University, Baltimore, MD, B.M. Recording Arts & Sciences, 2001 Peabody Conservatory of Music of the Johns Hopkins University, Baltimore, MD, B.M. Trumpet Performance, 2000	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certifications: Digital Media Certified – Designer (**DMC-D**), Crestron Electronics, Inc., 2011 Certified Technology Specialist – Designer (**CTS-D**), ICIA, 2009 Training: BiCSi Certificate of Completion – Comprehensive Medical Technology Planning – Bridging the Design Gap, 2009; Secure Facilities and Infrastructure, 2008; Secure Facilities and Infrastructure, 2008; CATV & Distribution Systems, 2004; Outside Plant Cabling, 2004; Optical Fiber Cabling Distribution, 2003

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	The City of College Park & The University of Maryland City Hall Redevelopment College Park, MD	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role Design Principal / Cost: \$300M / Size: 85,000 GSF. The City and UMD intended to redevelop a key block in downtown College Park to include a Class-A City Hall and University office building with a connecting atrium, first floor retail, and a prominent public plaza. Convergent provided telecommunications cabling systems, audiovisual systems, access control/video surveillance systems, and acoustics, noise and vibration control design services.		
b.	U.S. General Services Administration Old District of Columbia Courthouse Washington, DC	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role. Design Principal / Cost \$49M/ Size: 135,000GSF. Scope included audiovisual presentation, speech reinforcement, digital audio/video recording, language interpretation systems, videoconferencing, media streaming to the web, IR assisted listening systems, and digital signage for a Ceremonial Courtroom, four Appellate Courtrooms, and a Robing Room.		
c.	City of Bowie New City Hall Bowie, MD	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal / Cost \$23.7 / 80,000 GSF. The scope of this project includes complete design services for telecommunications cabling systems (data/voice/RF video), audiovisual systems with associated supporting infrastructure, access control / video surveillance security systems and acoustics, noise & vibration control. The primary spaces to receive technology: the new Council Chambers, public meeting spaces, conference rooms, fitness room, and an emergency command center. Design highlights include the new Council Chambers which features broadcast and recording capabilities, the ability to edit/add character generation or graphic layovers in real time during council sessions and recording capabilities between the Council Chambers and the television studio in an existing building.		
d.	Prince George’s County Facility Masterplan Prince George’s County, MD	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal /Cost \$12,950. The CTGG has been asked to participate in a master plan process for access control/video surveillance systems for Prince George’s County Facilities Master Plan.		
e.	Department of General Services Congress Heights Recreation Center Washington, DC	2020	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal / Cost \$12,600,000 / 1,200 GSF. Convergent has been requested to provide telecommunications cabling systems, audiovisual systems, acoustics, noise, and vibration control for this project. The District would like to modernize the recreation center which will include enhanced amenities such as a gymnasium, kitchen, flexible computer lounge, and multipurpose spaces. The project will also replace the existing playground and include additional park space improvements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian Whitlock, CTS-D, RCDD, DMC-D	13. ROLE IN THIS CONTRACT Telecom and Security Principal	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Convergent Technologies Design Group, Inc. (Baltimore, MD) 			
16. EDUCATION (DEGREE AND SPECIALIZATION) Associates Catonsville Community College; Catonsville, MD 2007 Certification AutoCAD Operator Catonsville Community College; Catonsville, MD 2005		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certifications: Digital Media-Certified Designer (**DMC-D**); Crestron Electronics, Inc./2011 Certified Technology Specialist Designer (**CTS-D**), ICIA; BiCSi Registered Communications Distribution Designer (**RCDD**)/2011; **Training:** BiCSi Certificate of Completion, Wireless Security and Surveillance, Challenge or Opportunity/2009; Integration Techniques for Installing AV in Classrooms and Conference Rooms/2009.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	The City of College Park & The University of Maryland City Hall Redevelopment College Park, MD	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role Design Principal / Cost: \$300M / Size: 85,000 GSF. The City and UMD intended to redevelop a key block in downtown College Park to include a Class-A City Hall and University office building with a connecting atrium, first floor retail, and a prominent public plaza. Convergent provided telecommunications cabling systems, audiovisual systems, access control/video surveillance systems, and acoustics, noise and vibration control design services.		
b.	U.S. General Services Administration Old District of Columbia Courthouse Washington, DC	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role. Design Principal / Cost \$49M/ Size: 135,000GSF. Scope included audiovisual presentation, speech reinforcement, digital audio/video recording, language interpretation systems, videoconferencing, media streaming to the web, IR assisted listening systems, and digital signage for a Ceremonial Courtroom, four Appellate Courtrooms, and a Robing Room.		
c.	City of Bowie New City Hall Bowie, MD	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal / Cost \$23.7 / 80,000 GSF. The scope of this project includes complete design services for telecommunications cabling systems (data/voice/RF video), audiovisual systems with associated supporting infrastructure, access control / video surveillance security systems and acoustics, noise & vibration control. The primary spaces to receive technology: the new Council Chambers, public meeting spaces, conference rooms, fitness room, and an emergency command center. Design highlights include the new Council Chambers which features broadcast and recording capabilities, the ability to edit/add character generation or graphic layovers in real time during council sessions and recording capabilities between the Council Chambers and the television studio in an existing building.		
d.	Prince George's County Facility Masterplan Prince George's County, MD	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal /Cost \$12,950. The CTGG has been asked to participate in a master plan process for access control/video surveillance systems for Prince George's County Facilities Master Plan.		
e.	Department of General Services Congress Heights Recreation Center Washington, DC	2020	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Design Principal / Cost \$12,600,000 / 1,200 GSF. Convergent has been requested to provide telecommunications cabling systems, audiovisual systems, acoustics, noise, and vibration control for this project. The District would like to modernize the recreation center which will include enhanced amenities such as a gymnasium, kitchen, flexible computer lounge, and multipurpose spaces. The project will also replace the existing playground and include additional park space improvements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alexander Good, CTS-D, DMC-T-4K	13. ROLE IN THIS CONTRACT Senior Designer	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State) Convergent Technologies Design Group, Inc. (Baltimore, MD)	
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16. EDUCATION (DEGREE AND SPECIALIZATION) Sheffield Institute for the Recording Arts, Techworks Program for AV Systems Integration and Maintenance 2018	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certifications: Digital Media-Certified Designer (DMC-D); Crestron Electronics, Inc./Certified Technology Specialist Designer (CTS-D)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	The City of College Park & The University of Maryland City Hall Redevelopment College Park, MD	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Senior Designer / Cost: \$300M / Size: 85,000 GSF. The City and UMD intended to redevelop a key block in downtown College Park to include a Class-A City Hall and University office building with a connecting atrium, first floor retail, and a prominent public plaza. Convergent provided telecommunications cabling systems, audiovisual systems, access control/video surveillance systems, and acoustics, noise and vibration control design services.		
b.	Queen Anne's County Courthouse Centreville, MD	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Senior Designer / Cost \$11M/ CTDG was engaged by Queen Anne's County to design the new Court Room Audio System and building wide paging system. The rooms included in the design are: Master's Hearing Room, (2) Litigation Courts, Small Hearing Rooms and Jury Deliberation Rooms. The New Circuit Courthouse Systems design will meet the following design goals: create a State-of-the-Art presentation, distance communication, and audiovisual recording systems to meet modern courtroom functional requirements, provide administration, staff and officials with an intuitive, standardized user interface and flexible system architecture, integrate technology systems into the architectural fabric of the building, utilize cost efficient methods of achieving the desired functionality		
c.	Department of General Services General Assembly Building Richmond, VA	2021	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Senior Designer / Cost \$300,000,000 / CTDG was asked to provide telecommunications cabling systems with associated supporting infrastructure for voice/data/RF video outlets, audiovisual system electronics with associated supporting infrastructure, access control/video surveillance systems, room acoustics, interior sound isolation, and HVAC noise control design services for the Commonwealth of Virginia Department of General Services.		
d.	Prince George's County Facility Masterplan Prince George's County, MD	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Senior Designer /Cost \$12,950. The CTGG has been asked to participate in a master plan process for access control/video surveillance systems for Prince George's County Facilities Master Plan.		
e.	Department of General Services Congress Heights Recreation Center Washington, DC	2020	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Role: Senior Designer / Cost \$12,600,000 / 1,200 GSF. Convergent has been requested to provide telecommunications cabling systems, audiovisual systems, acoustics, noise, and vibration control for this project. The District would like to modernize the recreation center which will include enhanced amenities such as a gymnasium, kitchen, flexible computer lounge, and multipurpose spaces. The project will also replace the existing playground and include additional park space improvements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lloyd Bernstein	13. ROLL IN CONTRACT President-Chief Estimator	14. YEARS EXPERIENCE	
		A. TOTAL 47	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)
1504 Wild Cranberry Drive, Crownsville, Maryland 21032



16. EDUCATION (DEGREE AND SPECIALIZATION) Montgomery College, AA Degree, Engineering Polytechnic of the Southbank of London/Brixton School of Building: Higher National Diploma 1970- 1973	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) General Contractor Licensed in Maryland and District of Columbia.
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)


Mr. Bernstein has owned and operated a General Contracting firm for over 25 years. Projects constructed were Educational, Healthcare, and Senior Housing. Religious, Office, Commercial and Public. He has been involved in cost consulting for over 30 years. He brings over 45 years personal experience in construction, techniques, and costing. I have developed a reputation for accuracy and completeness and an extensive knowledge of the construction market, current pricing, and an extensive historical data base.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Prince Georges County Administrative Office Building, Upper Marlboro, Maryland	Cost Consultant and Estimating	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Providing Cost Estimates for the Design Team for the Structural Repairs to the Old County Administrative Building Parking Structure. Value: \$ 52,000,000.00		
b.	Prince Georges County Administrative Office Building Parking Garage, Upper Marlboro, Maryland	Cost Consultant and Estimating	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Providing Cost Estimates for the Design Team for the Structural Repairs to the Old County Administrative Building Parking Structure. Value: \$ 4,000,000.00		
c.	Catonsville, District Courthouse and Parking Garage Catonsville, Maryland	Cost Consultant and Estimating	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Cost Estimating to the Design Team for a new County District Courthouse and precast parking garage and associated sitework) Value: \$ 52,000,000.00		
d.	911 Call Center Relocation Study Anne Arundel County, Maryland	Cost Consultant and Estimating	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Cost Estimating to the Design Team for the 911 Call Center Relocation Study. Value: \$ 8,500,000.00		
e.	Men's Transition Center Feasibility Study Prince Georges County, Maryland	Cost Consultant and Estimating	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Cost Estimating Providing Cost Estimates for the Design Team for studies of potential buildings and locations for Men's Transitional Center. Value: \$28,000,000.00-\$31,000,000.00		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


12. NAME Julie Barth, CIH, CSP, LEED Green Associate	13. ROLE IN THIS CONTRACT Certified Industrial Hygienist	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> Aria Environmental, Inc., Sykesville, Maryland 			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1998, M.H.S. Environmental Health Science/Industrial Hygiene and Safety, John's Hopkins University School of Public Health 1992, B.A. Human Ecology, College of the Atlantic		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2003, Lead Inspector, Cert No. 9637, Maryland, Exp. 12/30/21 2004, Asbestos Inspector, Cert No. 21-826, MD, VA, Exp. 10/4/2022 2021, Asbestos Supervisor, Cert No. 21-506, MD, Exp. 5/12/22 2006, OSHA HAZWOPER 40-Hour Certification	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> 2002, Certified Industrial Hygienist (CIH), Cert # 8386 CP 2008, Certified Safety Professional (CSP) CSP No. 20566 2012, LEED Green Associate Cert No.10604951			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Industrial Hygiene Support Services, Howard County Public Schools, Various Elementary, Middle and High Schools, Howard County, MD	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Certified Industrial Hygienist. Since 2005, Ms. Barth has supported various IH activities for the Howard County Public School System. Projects include LEED air quality evaluations, HAZMAT investigations, lead paint surveys, water and mold studies, construction safety support, Safety Data Sheet (SDS) review, Indoor Air Quality (IAQ) support, ventilation system studies, complaint investigations, and school system representation at community and PTA meetings.	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If Applicable)</i>
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Maryland School for the Blind Baltimore, MD	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Certified Industrial Hygienist – Ms. Barth has provided consultation during the renovation of Newcomer Hall, the flagship building on the Maryland School for the Blind Campus. The building was constructed between 1909-1910 and has been renovated in the 1960's ad 1980's. The complete renovation of the building called for the evaluation of hazardous and regulated materials, the preparation of construction documents and interface with Maryland Historical Trust in managing lead paint hazards associated with historical windows. Work was performed directly for the school.	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If Applicable)</i> 2018
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Prince George's County Public Schools, Architectural and Engineering Services For Central High School, District Heights, MD	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Certified Industrial Hygienist. Ms. Barth was part of the team that performed the hazardous materials investigation including asbestos, lead-based paint, PCB's, mercury containing equipment, ozone depleting substances and low-level radioactive materials hazardous and regulated materials of the Central High School prior to renovation.	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If Applicable)</i>
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Architectural Consulting Services: Victory Villa Elementary School, Baltimore County Public Schools, Baltimore, MD	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Certified Industrial Hygienist. Ms. Barth provided database management and reporting for the hazardous materials investigation including asbestos, lead-based paint, PCB's, mercury containing equipment, ozone depleting substances and low-level radioactive materials of the c. 1943 school prior to its demolition and replacement with a new ±700 SRC elementary school at the site of the existing Victory Villa Elementary School.	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If Applicable)</i>
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hazardous Materials Survey for Air Condition Upgrades, Kenwood High School, Baltimore, MD	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Certified Industrial Hygienist. Ms. Barth was part of the team performing a pre-renovation survey for asbestos, lead-based paint, PCB's, mercury containing equipment, ozone depleting substances and low-level radioactive materials. Asbestos sampling was performed on both interior and exterior surfaces plus roofing materials and specifications were developed for the air conditioning and upgrades at the school.	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If Applicable)</i>

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian Sciorilli	13. ROLE IN THIS CONTRACT Environmental Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> Aria Environmental, Inc., Sykesville, MD			
16. EDUCATION <i>(Degree and Specialization)</i> B.S. Biology, 1999 Clarkson University B.S. Professional Studies – Environmental Science and Policy with Industrial Hygiene Concentration, 1999 Clarkson University		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> AHERA Asbestos Building Inspector, MD, VA AHERA Asbestos Project Designer, MD Lead Inspector Technician, MD OSHA HAZWOPER 40-Hr NIOSH 582: Sampling and Evaluating Airborne Asbestos Dust	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Sciorilli is a seasoned industrial hygienist who specializes in field team leadership and performing hazardous materials investigation services for private and government-owned buildings, hospitals, and research labs.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Maryland State Highway Administration (SHA) On-Call Hazardous Materials and Groundwater Assessment Services Contract (BCS 2007-21CC), Various Locations, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007-present	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm. Environmental Engineer. Mr. Sciorilli is providing industrial hygiene services to SHA as a subconsultant under an open-end contract. He reviews property and tax information, conducts site assessments and conducts full hazardous material surveys for the entire interior and exterior of all buildings and structures on the property. The hazardous material surveys that were conducted by AE included the identification and documentation of asbestos, lead paint, mercury-containing devices, polychlorinated biphenyls, ozone depleting substances, low level radioactive materials, visible mold and universal waste unless otherwise noted. A report of findings was prepared after the surveys were completed which included photo documentation, lab analysis of the samples taken at the site, recommendations for the disposal of asbestos, lead or other hazardous or regulated materials and the notation of materials that could be salvaged or recycled. Services also included specification and bid document preparation, coordination of abatement activities, asbestos air monitoring and analytical support.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Maryland Aviation Administration (MAA) Comprehensive Environmental Compliance Services at Baltimore/Washington Thurgood Marshall and Martin State Airport, Anne Arundel County, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018-present	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm. Environmental Engineer. Under this contract, Mr. Sciorilli has surveyed several properties. After the surveys are completed, AE prepares a report of findings that included photo documentation, lab analysis of the samples taken at the site, recommendations for the disposal of asbestos, lead or other hazardous or regulated materials and the notation of materials that could be salvaged or recycled. Services also include specification and bid document preparation, coordination of abatement activities, asbestos air monitoring and analytical support.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> On-Call Industrial Hygiene & Environmental Support Services for the Lexington Market & Transformation, Baltimore, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm. Environmental Engineer. Mr. Sciorilli assisted with the industrial hygiene survey and analysis for the Phase I work associated with the future partial demolition, renovation and redevelopment of the Lexington Market. The AE team conducted hazardous materials surveys of the East and West markets, arcade and the parking garage for friable and non-friable asbestos containing materials, lead-based paint and other hazardous materials. Design documents were prepared showing the quantity and location of hazardous materials requiring abatement in the building and prepared specifications using the National Institutes of Building Sciences (NIBS) specifications for asbestos and lead in construction.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Northrop Grumman Corporation, On-Call Industrial Hygiene Services, Various Locations, Anne Arundel & Carroll Counties, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006-present	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm. Environmental Engineer. Mr. Sciorilli is the project manager for AE's on-call industrial hygiene support and environmental program management services contract to Northrop Grumman. He supports eight facilities and manages multiple locations providing hazardous material surveys, bulk sampling and quantification, risk assessments, statement of work or specification preparation, remediation oversight, and analytical support. Over 180 task orders have been completed involving asbestos-containing materials, lead based paint, mold and other hazardous materials.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 1	
21. TITLE AND LOCATION <i>(City and State)</i> Public Safety Building Renovation and Additions Frostburg, Maryland		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2021
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Frostburg Frostburg, Maryland	b. POINT OF CONTACT NAME Elizabeth Stahlman Community Development Director	c. POINT OF CONTACT PHONE NUMBER & EMAIL (301) 689-6000 x105 estahlman@frostburgcity.org	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>M&D initially prepared a Space Planning and Feasibility Study for renovations to the existing city-owned Frostburg Public Safety building for potential renovation and additions. Such renovation and additions would create the interior spaces to consolidate the City Administration offices and the Police Department functions into one building, as well as add a Public Meeting room for use for a variety of City functions, new offices for City Hall, and improved Police Department space. The proposed Concept Design for the building reused the existing 9,500 sf two-story building and adds 4,500 sf additions to the front and rear of the building.</p> <p>M&D then completed the comprehensive \$4.8M renovations and additions identified within our Space Planning & Feasibility Study. The renovations and additions provided the City of Frostburg with the ability to consolidate City Hall functions and the Police Department within one building, which reduced overall city offices energy consumption, provided much improved services for city residents, and provided much needed, greatly improved police facilities. M&D's Interior Design Studio provided space planning and all finish specifications for the renovation.</p>		      	
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]			
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION <i>(City and State)</i> Mitchell Courthouse Renovation Baltimore, Maryland <i>(On-Call Contract Project)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (if Applicable) 2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Baltimore City DGS Baltimore, Maryland	b. POINT OF CONTACT NAME Chris Hepler Construction Project Supervisor II	c. POINT OF CONTACT PHONE NUMBER & EMAIL 410-396-3678 Christopher.Hepler@baltimorecity.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under an On-Call Contract with Baltimore City Department of General Services, M&D provided comprehensive Architectural and Engineering Services related to the 20,000 sf interior renovations to the third & fourth floors of the Clarence Mitchell Courthouse. M&D initially undertook an extensive Programming and Space Planning Study, met with user groups and judges, and as a result prepared several potential layout approaches/options for the renovation – one of which was selected as the most beneficial. The \$2.1M renovations include the following:



- Design and layout of two new courtrooms from existing office spaces in a manner which maximizes the seating potential of the areas
- Jury deliberation room with private men's and women's restrooms
- Judge's Chambers including offices for the Judge, Judge's assistant, and two clerks
- Design and specification of all finishes for walls, floors, and ceilings in all spaces
- Alterations to the HVAC system(s) currently installed in the spaces to be renovated
- Alterations to the plumbing system(s) in connection with the new courtrooms
- Alterations to the electrical power and lighting and I.T. Data system(s) in connection with the new courtrooms
- Renovation design to comply with all building code/life safety systems





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]

a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 3
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21. TITLE AND LOCATION <i>(City and State)</i> Harford County Sheriff's Office Building Bel Air, Maryland <i>(On-Call Contract Project)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if Applicable) 2018

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Harford County, Maryland Bel Air, Maryland	b. POINT OF CONTACT NAME Matthew Gettelman Project Manager – Capital Projects	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 638-3547 x1258 magettelman@harfordcountymd.gov

<p>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i></p> <p><i>Under a current on-call contract with Harford County, Maryland, an initial comprehensive master planning/investigation/scope confirmation was provided, which led to upgrades, modernizations, and renovations to the 8,600 sf Sheriff's Office building, including MEP and life safety systems, HVAC system, ceiling conditions, floor plan/layout, etc. M&D had to determine a plan to have continuous occupancy during a phased construction approach. The \$3.8M renovation included the following:</i></p> <ul style="list-style-type: none"> • Thorough field investigation and survey of the entire facility including all current MEP and Life Safety systems • Document/create accurate base drawings/field condition drawings of the entire building • Review existing drawings and documents provided by Harford County, as well as Field Survey Existing Spaces • Observe and document ceiling plenum area conditions as required • Survey and identify Hazardous Materials and develop a plan to have them safely removed • Develop HVAC systems options to address current deficiencies • Perform a Building Code Review • Based on the existing condition data, prepare renovation concept options that address the probable project scope • Develop phased construction approaches within an occupied or partially occupied building scenario – and possibly consider utilization of the neighboring county office space to be vacated across the street for “swing” space • Determine approaches considering continuous and/or partial occupancy during a phased construction approach • Develop approaches which maintain compliant egress and life safety conditions throughout a phased/occupied approach • Identify high priority renovation items as well as some other, secondary renovation aspects • Create a more efficient floorplan/layout and improved work environment aesthetic as part of any renovation plan 		
		
		

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]			
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture, Programming & A/E Overall Project Mgmt.
b.	(1) FIRM NAME Aria Environmental, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Woodbine, MD	(3) ROLE: Hazardous Materials Consulting

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION <i>(City and State)</i> Sarah's Hope Site Improvements Baltimore, Maryland	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER St. Vincent de Paul of Baltimore Baltimore, Maryland	b. POINT OF CONTACT NAME John Schiavone President & CEO	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 662-0500 x222 jschiavone@vincentbaltimore.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Architectural and Engineering Services for the Site Improvements to the Sarah's Hope Transitional Housing Facility (the renovations for which were also designed by M&D) located in the historic Sandtown-Winchester neighborhood of Baltimore, MD originally through an *On-Call Contract with the Baltimore City Department of General Services*. As a result of funding modifications, project ownership was assumed by St. Vincent de Paul of Baltimore mid-way through design and M&D successfully completed the project for that entity. This housing facility, the largest transitional facility that serves families in the City, is run by a local non-profit and serves up to 130 individuals at any given time.

The existing site contained mostly immense areas of pavement, which did not allow the building users or surrounding community to use the site for their desired outdoor activity needs. This \$1.3M project dramatically improved the overall aesthetic and usable function of the site by removing approximately 15,000 sf of impervious surface and providing new green space totaling approximately 16,200 sf of area and nearly 5,000 sf of tenant and community playground space.

The two immense parking areas located at the front and south side of the site were reduced in size to accommodate actual occupant needs, relocated, and lowered to align with the elevation of the street.

Stormwater Bioretention facilities are strategically located at the rear and front of the site to treat 100% of rainfall from the roof and site surface areas and reduce stormwater runoff to the surrounding urban landscape. A palette of green trees with high branch zones and colorful shrubs/plantings of low heights bring added interest and necessary shading to the site, while still allowing for adequate visible security across the site.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]		
a. (1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 5
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21. TITLE AND LOCATION <i>(City and State)</i> New Carroll County Office of the State's Attorney Westminster, Maryland	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023 (est.)	CONSTRUCTION (if Applicable) 2023 (est.)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The County Commissioners of Carroll County Carroll County, Maryland	b. POINT OF CONTACT NAME Allan Culver State's Attorney	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 386-2671 aculver@carrollcountymd.gov

<p>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i></p> <p>The project includes an initial Feasibility Study for a new Central Plant and Master Plan for additional county buildings on the several acre County-owned parcel. Its front entrance is defined by a civic plaza with strategically placed bollards, flagpoles, and landscaping. Sunshades are included over exterior windows for energy-efficiency and to reduce glare within the interior spaces. A generously sized plaza leads from the pedestrian sidewalks to the main entrance vestibule. Strategically placed glazing offers a glimpse into the inner activities of the building while not compromising the building security or compromising views outward.</p> <p>Program spaces have been thoughtfully organized with balanced considerations for public access, security, privacy, and desired adjacencies. Three stairs and an elevator provide vertical circulation through the building. Two controlled points of entry are provided into the building – a main public entrance at the west corner with security personnel office and screening equipment and a north side staff entrance from a secure parking lot. Additionally, on the east is a garage entrance for intake, also used as a secure entrance for vulnerable Special Victims Unit persons. Beyond the main entry screening area is a reception counter protected by ballistic rated glazing and a light filled reception area with comfortable anchored seating for the public located at the base of an open staircase leading to the second and third floor conference rooms and a large training room, all while providing card access-controlled offices suites. This project requires a well-organized plan that provides a stacked core of adequate public access to restrooms and elevator lobbies and the needed public facing meeting rooms on each floor while maintaining important privacy and security to the three floors of office suites used by the States Attorney's operations. This stacked core also includes all vertical distribution of HVAC equipment and other building systems.</p>	  
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]			
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.
b.	(1) FIRM NAME Convergent Technologies Design Group	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: IT/Data/Security Consulting
c.	(1) FIRM NAME CostCon Construction Services	(2) FIRM LOCATION <i>(City and State)</i> Crownsville, MD	(3) ROLE: Cost Estimating

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 6
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21. TITLE AND LOCATION (City and State) Spring Garden Township Municipal Complex & Violet Hill Community Park York, Pennsylvania	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2021

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Spring Garden Township York, Pennsylvania	b. POINT OF CONTACT NAME George Swartz, Jr. Police Chief	c. POINT OF CONTACT PHONE NUMBER & EMAIL (717) 843-0851 gswartz@sgtpd.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

M&D designed a new 24,000 sf Municipal Building for Administration, Police, Recreation, and Public Meetings, as well as a new Outdoor Recreation Facility to be constructed on the same site. The existing Police Building will be demolished once the new facility is complete. Also included is the development of a new Violet Hill Park which includes a Pavilion, basketball courts, age specific playgrounds, walking paths, and a multi-use field. The site design met the regulatory requirements for a site development plan, stormwater management and erosion controls and is designed to meet zoning requirements for landscaping, hardscape and parking. The Design team worked closely with the Township's Recreation Committee to provide the recreational facilities that were needed and were appropriate for this setting. Bids came in \$2M under budget and construction is completed.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]			
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 7
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21. TITLE AND LOCATION <i>(City and State)</i> ABC Catherine Park Renovation Baltimore, Maryland <i>(On-Call Contract Project)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2021

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Baltimore City Department of Recreation and Parks Baltimore, Maryland	b. POINT OF CONTACT NAME Bivek Poudyal Design Planner II	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 396-7948 Bivek.Poudyal@baltimorecity.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

M&D designed the \$1.2M renovation of the existing ABC Park, located in West Baltimore City, which totals just over one acre in area. The amenities of the existing Park have deteriorated over time, including playground equipment, hardscape, a comfort station building, a basketball court, and a baseball field. The new Park design will transform the park into a fun, engaging place for the community with improved play areas, pedestrian access, landscaping, and a new, small building for community use with toilet facilities and storage.



A new entry at the intersection of the streets bounding the park provides a new way in with signage and replacement fencing. Two mulched playground areas with play equipment including swings, slides, and other amenities sit on just inside of the entrance. A new domed climbing play equipment is central to the park. A new splash pad centrally-located becomes a focal point of water fun for kids. The basketball court is relocated from a remote area of the park to a more visible place with new hard surface, striping, hoops, and tall fencing on either end.

The new masonry structure houses two single-use toilet rooms, a community room, and storage. Large, 10-0" wide overhead doors can open on either side of the community room to provide an indoor/outdoor feel, maximize the use of the space, and offer transparency and security throughout the building. A dynamic sloping roof with a diagonal ridge line extends beyond the building on the south end supported by rustic, local timbers, creating a covered outdoor "room" and giving the building a unique identity. The roof is constructed on standing seam metal panels over tongue and groove wood decking.

This project was a featured project during the National Recreation and Park Association (NRPA) Annual Conference held in Baltimore in September 2019.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]			
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.
b.	(1) FIRM NAME KES Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Columbia, MD	(3) ROLE: MEP Engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 8
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21. TITLE AND LOCATION <i>(City and State)</i> Roosevelt Park Poolhouse Renovation Baltimore, Maryland <i>(On-Call Contract Project)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) 2009

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Baltimore City Department of Recreation and Parks Baltimore, Maryland	b. POINT OF CONTACT NAME Valerie McGuire Design Planner Supervisor	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 396-7948 Valerie.McGuire@baltimorecity.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>	
<p>Originally constructed in 1949, the CMU Roosevelt Park Pool House required renovations due to age and changing use. The \$900,000 renovation created a new image for the existing building, as well as upgraded the facilities.</p> <p>The design approach juxtaposed the very simple existing building with an exuberant new transitional canopy area/rainy day shelter addition characterized by its open, colorful, skeletal form.</p> <p>A new exterior canopy provides a large shaded area covering the concession stand and extending toward the splash pool. The canopy also features an outdoor shower and has a distinctive copper roof. The new open canopy addition united a flat seam copper roof, painted steel columns and beams, and a tongue-and-groove wood ceiling. Its form grew naturally from a desire to literally point patrons in the direction of the children's area and pool, with a triangular "beak" showing the way.</p> <p>The interior of the existing building was thoroughly renovated with new showers, accessible restrooms, and lockers, while the exterior was coated with stucco and its slate roof repaired. A semi-transparent metal scrim defines the shelter's public boundary while offering glimpses of the activities within.</p>	 

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]		
a. (1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION <i>(City and State)</i> York City Administration Building Renovation York, Pennsylvania	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if Applicable) 2011

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of York York, Pennsylvania	b. POINT OF CONTACT NAME Kevin Schreiber President & CEO	c. POINT OF CONTACT PHONE NUMBER & EMAIL (717) 771-4573 Kevin@yceapa.org

<p>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i></p> <p>With the City of York's acquisition of the Sovereign Bank Building at 101 S. George St., M&D initially undertook an Extensive Programming and Concept Design effort and later coordinated all final architectural, engineering, interior design, space planning, and construction administration services to facilitate a comprehensive relocation and consolidation of the City's Administrative offices within the three-level structure built in 1978.</p> <p>The \$880,000 adaptive reuse accommodated new City Council Chambers, Mayor's Office Suite, Revenue and Finance, Permits/Planning and Zoning, Public Works, Economic and Community Development, Human Resources, Controller, Solicitors, and Information Technology offices. The design also incorporated meeting spaces, storage, records/archives support, and technology upgrades.</p> <p>The complex consolidation neatly fit all these program space needs into 53,000 sf while retaining Sovereign's branch banking operation on the first floor as future growth/consolidation space. The publicly bid project was executed under four separate prime contracts. Security provisions related to isolating financial and billing offices were incorporated into the design as well. The final built result has received rave reviews by City employees occupying the renovated facility – which has also proven to be an extremely “customer friendly” functional environment – and one that conveys an appropriately dignified visual aesthetic that does not reflect the modest construction and FF&E expenditure by the owner.</p>		 
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]		
a. (1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 10
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21. TITLE AND LOCATION (City and State) New Severn Intergenerational Community Center Ellicott City, Maryland	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022 (est.)	CONSTRUCTION (if Applicable) 2022 (est.)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Arundel Community Development Services, Inc. Annapolis, Maryland	b. POINT OF CONTACT NAME Lisa Lindsay-Mondoro Chief Executive Officer	c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 263-2542 lmondoro@bgcaa.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The new Severn Intergenerational Center will be comprised of 28,000 gsf and contain a Senior Activity Center and a regional Boys and Girls Club. The new facility will be constructed on a 26-acre site, the development of which is also part of the project.

M&D served Anne Arundel Community Development Services, other building stakeholders, and the community by leading multiple community outreach events and facilitating design charrettes at the outset of the programming/schematic design phase. Ultimately the \$12M building has been appropriately sited and designed with three primary structures (Senior area, Boys and Girls Club area, and a shared vestibule and gymnasium) connected by service wings that contain two warming kitchens, food distribution pantries, mechanical rooms, and roof top equipment. This layout and arrangement of programmatic spaces provides areas of shared use as well as the required building separation of utilities and acoustics between the Senior Activities Center and the Boys and Girls Club.

A main feature of the project is a sculptural canopy that shelters the Intergenerational Plaza, a place conceived with the stakeholders to foster interaction and shared programming among the Senior Center, Boys and Girls Club and the Severn Community. The entry to the building is composed of a shared "drop-off" canopy that leads to a shared vestibule among the tenant spaces. An intergenerational plaza is located in view of the reception area for both tenant spaces and is furnished to foster shared programming. The site also includes ample accessible parking spaces, designated areas for community gardens, native plantings, a meditation garden, landscape buffer against Reece Road.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]

a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.
b.	(1) FIRM NAME Convergent Technologies Design Group	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: IT/Data/Security Consulting
c.	(1) FIRM NAME Aria Environmental, Inc.	(2) FIRM LOCATION (City and State) Woodbrine, MD	(3) ROLE: Hazardous Materials Consulting

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F									
		1	2	3	4	5	6	7	8	9	10
Frank E. Dittenhafer II, FAIA, LEED AP	Principal in Charge	X	X	X	X	X	X	X	X	X	X
Stefanie J. Tincher, AIA	Project Manager										
Kevin S. Stick	QA/QC Construction Administrator		X				X	X			X
Jonathan A. Taube, Associate AIA	Architectural Designer Digital Visualization Specialist						X	X			X
Kesuith Smith, PE	Project Mechanical Engineer							X			
Karl M. Gumnick	Project Electrical Engineer							X			
Mina Hutchinson	Electrical Engineer							X			
Billie J. Swailes, PE	Professional Civil Engineer										
Eric H. Iser, PE	Civil Project Engineer										
Steve J. Gyurisin, PE	Professional Geotechnical Engineer										
Frank S. Malits, PE	Principal Structural Engineer										
D. William Holaday, CTS-D, DMCD, VSSD	Design Principal					X					X
Brian Whitlock, CTS-D, RCDD, DMC-D	Telecom and Security Principal					X					X
Alexander Good, CTS-D, DMC-T-4K	Senior Designer					X					
Lloyd Bernstein	President Chief Estimator					X					
Julie Barth, CIH, CSP, LEED Green Associate	Certified Industrial Hygienist			X							X
Brian Sciorilli	Environmental Engineer			X							X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Public Safety Building Renovation and Additions Frostburg, Maryland	6	Spring Garden Township Municipal Complex & Violet Hill Community Park York, Pennsylvania
2	Mitchell Courthouse Renovation Baltimore, Maryland <i>Baltimore City DGS On-Call Contract</i>	7	ABC Catherine Park Renovation Baltimore, Maryland <i>Baltimore City Rec & Parks On-Call Contract</i>
3	Harford County Sheriff's Office Building Bel Air, Maryland <i>Harford County, Maryland On-Call Contract</i>	8	Roosevelt Park Poolhouse Renovation Baltimore, Maryland <i>Baltimore City Rec & Parks On-Call Contract</i>
4	Sarah's Hope Site Improvements Baltimore, Maryland	9	York City Administration Building Renovation York, Pennsylvania
5	New Carroll County Office of the State's Attorney Westminster, Maryland	10	New Severn Intergenerational Community Center Ellicott City, Maryland

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY.



ARCHITECTURAL, ENGINEERING, & CONSULTING TEAM INTRODUCTION

The Murphy & Dittenhafer Architectural, Engineering, and Consultant team is comprised of many highly-regarded and technically capable firms with regional municipal experience, yet local to and invested in the State of Maryland. These firms, and the individual professionals within them, have been assembled specifically for the City of Glenarden A/E Professional Services projects. Drawing upon its significant combined previous experience, our team will design important systemic renovations in a cost-effective manner.

TEAM MEMBER FIRMS

- **Murphy & Dittenhafer Architects**
Architecture & Overall Project Management
- **KES Engineering, Inc.**
Mechanical, Electrical, Plumbing, &
Fire Protection Engineering
MBE #00-316
- **Triad Engineering, Inc.**
Civil, Geotechnical, & Traffic Engineering
& Landscape Architecture
- **Cagley & Associates, Inc.**
Structural Engineering
MBE #07-228
- **Convergent Technologies Design Group, Inc.**
Data, Telecom, Security Consulting
WBE #12-060
- **CostCon Construction Services, Inc.**
Cost Estimating
- **Aria Environmental, Inc.**
Hazardous Material Consulting
WBE #04-010



Spring Garden Township Municipal Complex



COMPREHENSIVE TEAM CAPABILITIES, PROJECT UNDERSTANDING & APPROACH

The information contained within the following section clearly delineates the comprehensive capabilities, project experience of the well-rounded Murphy & Dittenhafer Architects' A/E Team. This team is uniquely well-poised to undertake an array of task assignments, including the two projects specifically mentioned at the pre-proposal involving the Renovation of the Council Chambers project and the Park Site Planning project – and understands these efforts will be more modest in scale. All team member firms have a proven history of significant and successful project collaborations – as well as experience with all anticipated projects to be assigned under the City of Glenarden On-Call Contract.

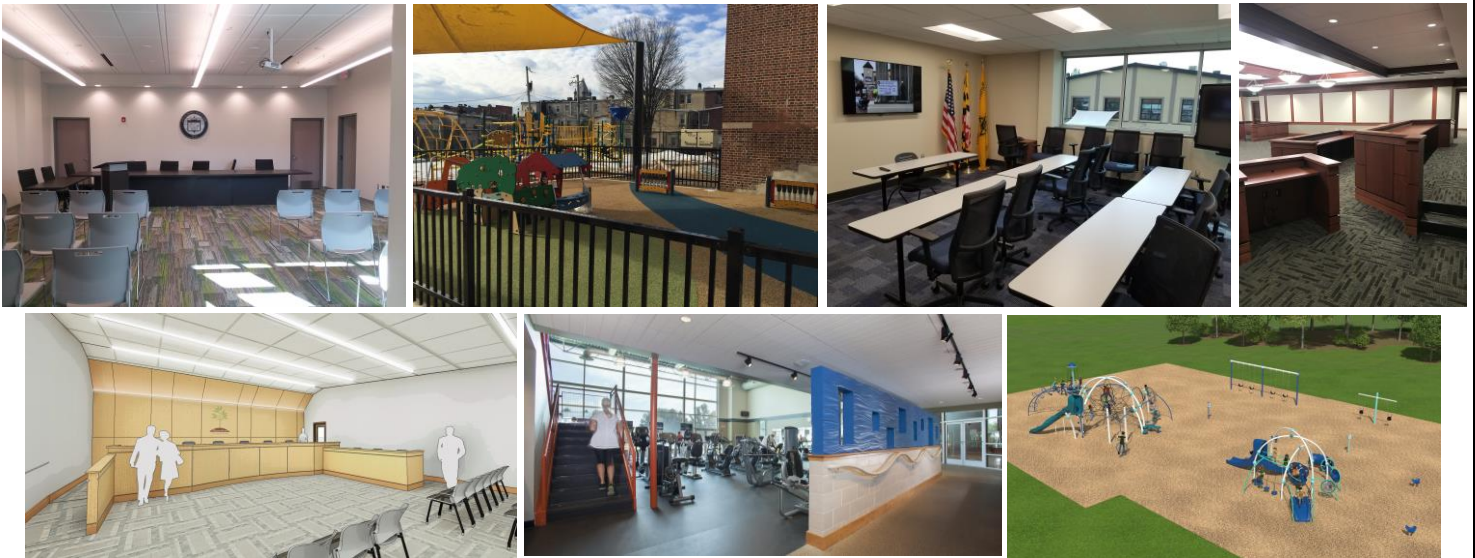
Our A/E Team's understanding of achieving successful results within the parameters of Municipal On-Call Contracts, and well as the manner in which we Approach such projects is also delineated through this Section H.

COMPREHENSIVE & RELEVANT EXPERIENCE



Within a budget conscious approach to design excellence Murphy & Dittenhafer Architects (M&D) and our Team possesses the most highly skilled and qualified combination of attributes specifically relevant to the projects expected to be undertaken by the City of Glenarden – as delineated on the chart below. Images of relevant projects are also shown.

	City of Glenarden/ Prince Georges County, Maryland Experience	Maryland Municipal On-Call Experience	Municipal/ City Hall Experience	Council Chamber Experience	Park/Playground /Fitness/Site Work Experience	EV Charging Station Experience
M&D – Architecture & Overall Project Management	X	X	X	X	X	X
KES – MEP/FP Engineering	X	X	X		X	
Triad – Civil/Geotech/Traffic Eng. & LA	X	X	X		X	
Cagley – Structural Engineering		X	X	X	X	
Convergent – Data/Telecom/Security	X	X	X	X	X	
CostCon – Cost Estimating	X	X	X	X	X	X
Aria – Hazmat	X	X	X	X	X	



“RIGHT-SIZED” ARCHITECTURAL, ENGINEERING, & CONSULTING TEAM

The above-listed firms, and the individual professionals within them, have been assembled specifically for the City of Glenarden A/E Professional Services projects. As a 24-person firm, Murphy & Dittenhafer is exactly the right size to implement these projects – small enough to have hands-on principal involvement, and large enough to have the staffing capacity and talent to handle all project aspects expeditiously and within budget. All Team firms are poised to effectively handle one or multiple simultaneous project assignments. We have collaborated frequently with many members of the Engineering and Consulting team –and each firm is similarly sized and able to provide exceptional skill and input. The M&D Team has the experience and open workload to provide services in a comprehensive, cost-effective, and expeditious manner.

TEAM COLLABORATION CHART

Each firm on the Murphy & Dittenhafer Architects’ Architectural, Engineering, and Consulting Team – as well as the individual professionals on the team – was chosen for the specific expertise they will bring to projects assigned under the City of Glenarden Professional Services Contract, as well as previous long-standing history of successful collaborations on similar projects. The Team is comprised of many award-winning firms with regional and national experience, yet local to and invested in the State of Maryland.

Successful Collaborations	M&D	KES	Triad	Cagley	Convergent	CostCon	Aria
M&D – Architecture & Overall PM	N/A	X	X	X	X	X	X
KES – MEP/FP Engineering	X	N/A		X	X	X	X
Triad – Civil/Geotech/Traffic Eng. & LA	X		N/A	X	X	X	X
Cagley – Structural Engineering	X	X	X	N/A	X	X	X
Convergent – Data/Telecom/Security	X	X	X	X	N/A	X	X
CostCon – Cost Estimating	X	X	X	X	X	N/A	X
Aria – Hazmat	X	X	X	X	X	X	N/A

COLLABORATION & COORDINATION USING TECHNOLOGY

M&D will take the lead in management and coordination of the design team to meet the needs of the City of Glenarden. After receipt of a task assignment, we will begin to establish lines of communication with City of Glenarden and our A/E team. M&D can set up a SharePoint website for coordination and collaboration of the A/E Team and City of Glenarden. Shared reference documents, record submission drawings and meeting minutes will be posted. M&D will orchestrate a kick-off meeting with representatives of City of Glenarden and all relevant members of the design team. M&D will create a design phase schedule indicating all design and submission milestones and monthly design review meetings will be scheduled. We are successfully utilizing GoToMeeting, Zoom and other conferencing services. We coordinate Construction Administration through online construction programs such as Viewpoint, Prolog, Procore and eBuilder to name a few, which allow for shop submittals and RFI to be accessible to the whole team. Depending upon the scope and scale of the project, as well as the preference of the City, our Team can complete projects in CAD or REVIT.

PROJECT COLLABORATION & E-FILE DOCUMENT SHARING

M&D’s A/E Team is composed of firms dedicated to and experienced with collaboration and coordination of design efforts for local municipal projects utilizing the latest technologies available. Our A/E Team are well-versed in the use of Autodesk CAD as well as Revit Architecture building design software and have experience in BIM 360 on the cloud, live REVIT model sharing, and overlaying our partnering firms’ software systems. M&D, CEI and CTDG have successfully coordinated the architectural and structural models in BIM Revit. KES uses Revit to integrate and coordinate MEP systems with the architectural and structural models. They also utilize clash detection to further enhance coordination. Revit can also be used to review and analyze design team drawings for sustainability compliance (as needed). CTDG has successfully participated in over two hundred (200) projects using BIM. All their Low Voltage devices are modelled in REVIT, and capable of working with Architectural and MEP models.

BUILDING LIFE AND LONG-TERM VALUE

M&D understands the importance of designing municipal buildings and outdoor recreational/playground/fitness facilities that are long-lasting – and can withstand aesthetically, functionally, and structurally. We believe that the most community/municipal buildings are those that address current needs and easily respond to future needs. Materials and structural systems must be robust to withstand an energetic and vigorous environment and constructed such that they will provide decades of durability. Architecture and Engineering that strategizes for a long-term life can provide lasting value and save costs by eliminating the need for avoidable repairs and maintenance and, more importantly, allowing for easy repurposing of buildings and spaces when new programmatic and instructional needs arise. Building and outdoor recreational elements should be scrutinized for their durability and long-term life cycle cost prior to selection and incorporation – including structural and mechanical/ electrical/plumbing systems, non-structural elements, casework and fixed items, furnishings, building foundation systems, and the building envelope. Murphy & Dittenhafer works in conjunction with owners, maintenance staff, and other key personnel to ensure designs that address current programmatic and spatial needs while also ensuring a long-term usability and functionality.

MURPHY & DITTENHAFFER FIRM OVERVIEW



Murphy & Dittenhafer has been recognized for architectural excellence since the firm was founded in Baltimore in 1985. Our approach involves:

- Collaborating with our clients on each step of the process
- Integrating function and systems with architecture for pleasing, productive environments
- Creating inspired design solutions with real and lasting value
- Optimizing site settings and other elements, such as natural light
- Honoring budgetary and time constraints



Washington County (MD) Senior Community Center

Our Philosophy

Our goal is to develop a design that is appropriate for the needs and style of our clients, while creating spaces that make a positive contribution to the human experience. By integrating function with architecture, we create environments that are engaging to the users. We consider how people enter and move through a building or site, the processes and activities they need to carry out, and how we can integrate those to enhance the experience for all. We respect budgets and timelines. Additionally, rather than viewing parameters as limitations, we see them as contributing factors to a unique, positive design solution.

Who We Are

In 1985, co-founder Frank E. Dittenhafer II, FAIA, LEED AP launched Murphy & Dittenhafer Architects. Over the years, it has grown to include a staff of architects and support staff of 24, with offices in Baltimore, Maryland and York, Pennsylvania. Our team brings optimism, energy, and imagination to each project.

Informed Design Services

Murphy & Dittenhafer provides award-winning architectural, programming/space planning, and planning services for master planning, feasibility studies, renovation, historic preservation, expansion, and new construction for clients throughout the Mid-Atlantic region. We design sustainable, accessible facilities and work with adaptive re-use and historically sensitive buildings. Our ability to adhere to strict codes and funding requirements means that we deliver design solutions that are practical and appropriate.

A Diverse Portfolio

Our work includes projects on a multi-million-dollar scale, as well as modest facilities, which are significant in a variety of ways, for numerous municipal clients such as Baltimore City Department of Recreation and Parks, Baltimore County, Harford County, Howard County, Carroll County, Cecil County, Frederick County, Maryland, Pennsylvania Department of Conservation & Natural Resources, Maryland Stadium Authority, and others. Our design solutions include facilities for recreation, community programs, municipal/public service offices and administration, law enforcement, public works, libraries.

Awards for Design Excellence

Throughout our history, we have been recognized with over 225 design awards – more than any other local firm in the Baltimore/Central Pennsylvania region. While awards are just one measure of success, they are an indication of the intensity and high professional standards with which M&D approaches each project. We design renovations that are beautiful, convenient, enduring, safe – and inspiring. We have also consistently been recognized with the Good Design = Good Business Award for designs that have a positive impact on our clients' operations and/or bottom line.

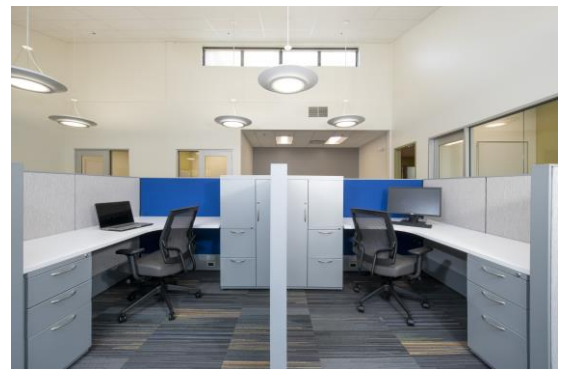


M&D provides full "in-house" Space Planning, Programming and Interior Design Services. Our interior design, space planning and programming efforts can occur in a stand-alone manner, such as the many projects we have accomplished within Space Planning On-Call Contracts for both Baltimore County and Anne Arundel County.

Such efforts can also occur simultaneously within the scope of architectural design efforts, providing a seamless integration of interior design and space planning within the architectural and engineering design. As a result, we create comprehensive and cohesive new construction/renovation/addition/reconfiguration designs which include a coordinated package of finishes, accessories, lighting, and furniture consultation for a unified, complete interior space. Interiors uses interesting yet durable materials in innovative ways to create texture, depth, and character. Clemens thoughtfully selects materials that not only create inspiring places but are also practical and realistic to provide long-term value projects.

On many projects, M&D Interiors is fully responsible to create a full interior finish, furniture, fixtures, and equipment plan that effortlessly incorporates and complements operations/goals, functionality, and user enjoyment, as well as client's preferences – in addition to architectural design that facilitates communication and collaboration. M&D has provided such services on numerous projects, partial listing below:

- Harford County Sheriff's Office Building, Bel Air, MD
- Carroll County Office of the State's Attorney, Westminster, MD
- New Severn Intergenerational Center, Ellicott City, MD
- Washington County Senior Activities Center & Commission on Aging Offices, Hagerstown, MD
- Florence Bain 50+ Center, Columbia, MD *(shown right)*
- Harriet Tubman Cultural Center, Columbia, MD
- County Executive Offices, Anne Arundel County, MD
- Courthouse Administrative Offices, Anne Arundel County, MD
- Central Services Administration Offices, Anne Arundel Co., MD
- Planning and Zoning Offices, Anne Arundel County, MD
- Public Safety Building, Baltimore County, MD
- Baltimore Historic Courthouse, Baltimore County, MD
- ABC Catherine Park, Baltimore, MD
- Towanda Recreation Center, Baltimore, MD
- Riverside Park Athletic Field House, Baltimore, MD
- Public Safety Building, Frostburg, MD



3-D RENDERINGS

In addition to modeling in Revit Architecture 2022, M&D is using the latest software to create renderings and animations utilizing the 3D building model. Since this software is synchronized directly with Revit, there is a quick and easy way to update renderings as the design of the building progresses. This feature is a valuable tool throughout all phases of the design. The final renderings allow for a realistic view of how the building's exterior and interior can be expected to look upon completion of the project including the finish and furniture selections. Prior to finish/furniture selections being finalized, the texture mapping features allow for wall, floor, ceiling, furniture, or any other material to be easily changed to see how different materials or colors would look in a certain space. The renderings can work in conjunction with physical finish samples to create a complete understanding of a how space will look and feel. In addition to being able to see how materials look in a space, the ability to add people and furniture can also help provide a better understanding of how a space can function. The images shown to the right were created for the New Bedford Replacement Elementary School, Baltimore County Public Schools.



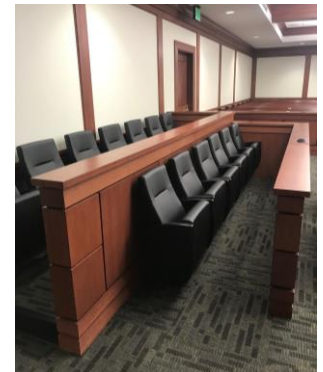
HIGHLY SKILLED AND QUALIFIED



Within a budget conscious approach to design excellence, Murphy & Dittenhafer Architects (M&D) possesses the most highly skilled and qualified combination of attributes as related to collaborating with the City of Glenarden for Projects expected to be assigned under its On-Call Contracts – comprehensively delineated on the chart below. Primary among them are:

- Experience with all expected Project Types, Sizes, Scopes of Service
- Significant experience with local Municipal/On-Call Projects
- “Right-Sized” A/E Team with successful previous collaborations
- Smart Approach to Maximizing Design within Budget
- Expertise Modernizing Municipal Structures/Sites
- Baltimore County firms with Close Proximity to Project Sites

Highly Skilled & Qualified	State of MD Project	Municipal Project	Completed Under On-Call Contract	Similar/Relevant to Anticipated City of Glenarden Projects	Proposed M&D Project Manager/Staff Involvement	New Construction/Addition	Renovation	Playground/Fitness Components	Design Award	Proposed Subconsultant(s) Collaboration
Washington County Senior Activities Center & Offices	X	X		X	X	X	X		X	X
Public Safety Building - City of Frostburg	X	X		X	X	X	X	X		
Sheriff's Office - Harford County <i>(shown below)</i>	X	X	X	X	X		X	X		X
Bain 50+ Center - Howard County	X	X	X	X	X		X	X		X
Harriet Tubman Center - Howard County	X	X	X	X	X	X	X	X		X
Barnard Fort House - Howard County	X	X	X	X	X		X	X		X
Office of the State's Attorney - Carroll County	X	X		X	X	X		X		X
Severn Intergenerational Center	X	X		X	X	X		X		X
Various Projects - Maryland Judiciary	X	X	X	X	X		X			
Various Space Planning Projects - Baltimore County	X	X	X	X	X		X	X		
Various Space Planning Projects - Anne Arundel County	X	X	X	X	X		X	X		
East Side Maintenance Yards-Baltimore City DGS	X	X		X	X	X		X	X	
Seneca Store Archaeological Feature - M-NCPPC	X	X	X	X	X	X		X		X
Mt. Calvert Roof Replacement - M-NCPPC	X	X	X	X	X		X			X
ABC Catherine Park - Baltimore City Dept of Rec & Parks	X	X	X	X	X	X				X
Towanda Recreation Ctr - Baltimore City Dept of Rec & Parks	X	X	X	X	X		X			X
Gwynns Falls Maintenance Yard – Baltimore City Dept of Rec & Parks	X	X	X	X	X		X	X		X
Bocek Field House - Baltimore City Dept of Rec & Parks	X	X	X	X	X		X			X
Lakeland Recreation Ctr - Baltimore City Dept of Rec & Parks	X	X	X	X	X		X	X		X
Druid Hill Comfort Station – Baltimore City Dept of Rec & Parks	X	X	X	X	X	X	X			X
Cyburn Arboretum - Baltimore City Dept of Rec & Parks	X	X	X	X	X			X		
Mt. Pleasant Ice Rink - Baltimore City Dept of Rec & Parks	X	X	X	X	X		X			X
Park Heights Police Department - Baltimore City DGS	X	X	X	X	X			X		X
Southwest District Police Station - Baltimore City DGS	X	X	X	X	X		X			X
Mitchell Courthouse - Baltimore City DGS <i>(shown below)</i>	X	X	X	X	X		X			X
Mayor's Office of Employment Development – Baltimore City DGS	X	X	X	X	X		X			
Maryland Employee's Credit Union - Baltimore City DGS	X	X	X	X	X		X			
Various Projects Abel Wolman Office Building – Baltimore City DGS	X	X	X	X	X		X			
York Jewish Community Center – York, PA <i>(shown below)</i>		X		X	X	X	X	X	X	X



LANHAM HALL RENOVATION & ADDITION, PRINCE GEORGE'S COMMUNITY COLLEGE, LARGO, MD



STATUS

Construction Completed

CONSTRUCTION COST

\$32,062,808

SIZE

93,727 sf

OWNER

Prince George's
Community College
301 Largo Road
Largo, Maryland

DESIGN AWARDS

-Craftsmanship Award
Washington Building
Congress

PROJECT DESCRIPTION

The Lanham Hall 79,150 sf renovation and 14,577 sf addition project included the complete interior and exterior renovation of an existing building constructed in 1968 which appeared as four large opaque, dark brown brick blocks. M&D's goal was to completely redesign the existing building's exterior while maintaining much of the original materials for LEED purposes. The resultant design has reinvented Lanham Hall with a new iconic image for the 21st century. New, state-of-the-art building systems and glazing create a new transparent and engaging educational environment.

Additionally, the design provides a comprehensive student learning center supporting Workforce Development and Continuing Education (WDCE) programs and student support programs and services. The classroom and other educational spaces incorporate innovative, technology-rich environments, including short throw projectors, smart lectern/teacher stations, and wireless communications, to create high quality learning environments. Corridors are designed with additional gathering areas and benches to encourage collaboration and ubiquitous learning. Other organizational units include the Administrative Services Area (Print Shop, Supply Room, and Mail Room), which was relocated from the Largo Student Center and expanded, as well as twelve student support programs and services. The third floor accommodates an expanded Middle College High School in partnership with the Prince George's County Public School System.

With LEED Gold Certification the project incorporates green roofs, high-performance lighting and mechanical systems, and a tiered lecture hall within the oval addition. All new mechanical equipment is located on the rooftop to save valuable space at the ground level and is hidden from view behind a curved metallic screen. The transformational results are a stimulating new place for students that will provide Prince George's Community College with a repurposed building to meet their modern needs, and a much-needed new identity.

ON-CALL CONTRACT EXPERIENCE



M&D is successfully working under On-Call contracts with many public, municipal, and institutional entities – including local governments and state government agencies within the State of Maryland and other entities throughout the Mid-Atlantic region, including:

ON-CALL CONTRACTS	LOCATION
Calvert County, Maryland	Throughout Calvert County, MD
Carroll County, Maryland	Throughout Carroll County, MD
Cecil County, Maryland	Throughout Cecil County, MD
Harford County, Maryland	Throughout Harford County, MD
Howard County, Maryland	Throughout Howard County, MD
Frederick County, Maryland	Throughout Frederick County, Maryland
Baltimore County, Maryland	Throughout Baltimore County, MD
Baltimore County Community Revitalization	Throughout Baltimore County, MD
Baltimore County Government Space Planning On-Call	Throughout Baltimore County, MD
Anne Arundel County Governmental Space Planning On-Call	Throughout Anne Arundel County, Maryland
Baltimore City Department of Recreation and Parks	Throughout Baltimore City, MD
Maryland National Capital Park & Planning Commission (M-NCPPC)	Throughout State of Maryland
State of Maryland, Department of General Services	Throughout State of Maryland
Maryland Stadium Authority	Throughout State of Maryland
University of Maryland, Baltimore	Baltimore, MD
University of Maryland, College Park	College Park, MD
Howard Community College	Columbia, Maryland
Baltimore County Public Schools	Throughout Baltimore County, MD
Anne Arundel County Public Schools	Throughout Anne Arundel County, MD
Pennsylvania Department of Conservation & Natural Resources	Throughout State of Pennsylvania
Harrisburg Area Community College	Throughout State of Pennsylvania
Pennsylvania State System of Higher Education	Throughout State of Pennsylvania

This current and previous experience forms an extremely solid foundation for future successful on-call projects with the City of Glenarden. Additionally, M&D staff is adept at coordinating and collaborating with a variety of Facilities, Maintenance, Public Works, and other departmental representatives, as well as Engineering or other Specialty consultants that would be required, based on the scope of the individually assigned projects.

ON-CALL CONTRACT EXPERIENCE



M&D successfully maintains IDC/On-Call Contracts with the following Maryland entities and keeps staff available at all times to rapidly respond to task order assignments.

Carroll County, Maryland

Renovations to Bureau of Permits & Inspection Dept.
Carroll Community College Bldg. A Re-roof
Public Works Office Building Lobby Renovation
Government Master Plan
Carroll County Farm Museum

Frederick County, Maryland

New Pine Avenue Maintenance Complex*
300 Scholls Lane Roof
Jefferson Satellite Facility Enhancements*
Nature Center at Fountain Rock Park Improvements
New Montevue Campus Refueling Station
800 Oak Street Project 1 and Project 2

State of Maryland – Dept. of General Services

Maryland School for the Deaf Assessment
MSP Waterloo – Tactical Services Garage Doors

University of Maryland, Baltimore

222-224 N. Greene Street Redevelopment
Towson University 401 Washington Ave. Floor Plans
Towson University Washington Ave. ADA Lift
Towson University Liberal Arts Roof Replacement
School of Nursing, Suite 311 Renovation

University of Maryland, College Park

Advanced Cybersecurity Experience Renovation*
Bowie State J.E. Proctor Building Chiller Replac.
UMES Carver Hall Renovation
UMCP Cole Head House Renovation

Baltimore County Public Schools

Victory Villa Preliminary Evaluation and Historic Report
Victory Villa Replacement Elementary School
Rosedale Center Elementary School Renovation
Orems Elementary School Evaluation
Golden Ring Middle School Evaluation
Stemmers Run Elementary School Evaluation
Colgate Elementary School Feasibility Study
Bedford Replacement Elementary School
Red House Run Replacement Elementary School

Anne Arundel County Public Schools

Sunset Elementary School Kindergarten Addition
Secure Vestibules for Seven Elementary Schools

Calvert County, Maryland

Pines Senior Center Expansion Concepts

Cecil County, Maryland

Animal Shelter – Cattery Addition and Sprinklerization

Howard County, Maryland

Bain 50+ Senior Center Programming
Bain 50+ Senior Center Renovation*
Bain 50+ Senior Center Courtyard Enclosure
Historic Belmont Barn Assessment/Feasibility Study
Howard Comm. College Repurpose of the Photo Studio
Historic Harriet Tubman Com. Culture Ctr. Master Plan
Harriet Tubman Comm. Culture Ctr. Carpentry Shop
Harriet Tubman Comm. Culture Ctr. Gymnasium
Harriet Tubman Comm. Culture Ctr. Renovation*
Barnard Fort House Renovation

Maryland-National Capital Park & Planning Commission

Seneca Store Archaeological Feature Protection & Exhibit
Mount Calvert Manor Roof, Repointing, and Repairs

Baltimore County Government Space Planning

Board of Elections Renovation
Stembridge Community Center
IT/Print Shop Renovation
Public Safety Building Renovations
Animal Services Building
Pickle Ball Courts Line Painting
Historic Courthouse Renovation
Offices of Payroll and Retirement Renovation
Soukup Arena Volleyball/Pickleball Court Line Painting

Anne Arundel County Governmental Space Planning

County Executive Offices Interior Renovation*
Courthouse Administrative Offices Interior Renovation
Central Services Adm. Offices Interior Renovation
Planning & Zoning Office Interior Renovation
Transportation Offices Programming Study
Center Meeting Rooms Interior Renovation
OIT Hybrid Work

Baltimore City Dept. of Recreation & Parks

Gwynns Falls Maintenance Yard Renovation
Lakeland Recreation Center Renovation
ABC Catherine Park Renovation
Druid Hill Comfort Station Replacement
Bocek Field House Renovation
Cylburn Carriage House Stabilization and Demo
Shake and Bake Family Fun Center
Towanda Recreation Center Renovation*
Mt. Pleasant Ice Rink Renovation
Riverside Park Field House Renovation
Mary Rodman Recreation Center Renovation
James D. Gross Recreation Center Renovation
Morrell Park Field House Replacement

PA Dept. Of Conservation & Natural Resources

Ryerson Station State Park Stream Restoration
Ryerson Station State Park Improvements
Ryerson Station St. Park Kent Run Stream Assess.
New Boater's Change House Facility
Laurel Hill State Park Organized Group Camps
Susquehanna State Park Long House Repairs
Gifford Pinchot State Park Shower Houses Repairs

Baltimore County Community Revitalization

Jung Properties | Center Place
Country Ridge Shopping Center
17 Hanover Pike
15 Main Street and 17 Main Street
Jennings Café | The Cube
Rapid Restoration | Pappus Seafood
720 Frederick Road, Catonsville
Dominican Beauty Center
6901 Belair Road | 7714 Harford Road Parkville
5400-5410 East Drive, Arbutus
AOC 3527 N. Rolling Road

Harford County, Maryland

Sheriff's Office Building Renovation*
Bel Air Library Renovation
Sheriff's Office Basement Renovation



Additional Relevant/On-Call project experience is highlighted on the following pages.

**BALTIMORE CITY DEPARTMENT OF RECREATION & PARKS
ON-CALL CONTRACT PROJECTS**



M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

Comfort Station at Druid Hill Park

This location was listed on the National Register of Historic Places in 1969, with specific mention of the Comfort Station. M&D successfully guided our design for the replacement of the Comfort Station through the CHAP process for approval. **464 sf | \$450,000**



Comfort Station at Druid Hill Park

Towanda Recreation Center Renovation

Renovations to improve the community and user experience from the dated, worn facility into a more welcoming and engaging space. New casework with sink, bar height seating, and flexible, movable furniture will optimize the use of the space. **1,150 sf | \$400,000**



Towanda Recreation Center

Bocek Fieldhouse Renovation

Renovations to provide a large community gathering room for flexible use, community rooms, office, kitchenette, new toilet rooms, and mechanical/storage space. **2,890 sf | \$725,000**

Gwynns Falls Maintenance Yard Building Renovation

Design of a new building adjacent to the existing to contain new administrative offices, a meeting room, and toilet rooms. The remainder of the U-shaped facility was renovated. Design services also included new/reconfigured MEP systems for the new office building as well as the existing building. **10,388 sf | \$2M**

Lakeland Recreation Center Renovation

Replacement of existing windows and doors, and provision of a Building Evaluation. M&D observed and analyzed specific building conditions and identified deficiencies/ inadequacies and developed a scope of necessary building improvements that addressed the current/future user needs. **8,925 sf | \$397,800**



Bocek Fieldhouse

Mt. Pleasant Ice Arena

Renovation of the existing Ice Arena to provide entrance improvements, updated lobby space, upgrades to the concession area, locker rooms with upgrades showers and ADA compliant restrooms. **31,331 sf | \$2M**

ABC Catherine Park Renovation

Renovation which totals just over one acre in area. The new Park design will optimize use of the park with new play areas and a basketball court, improve pedestrian access, limit vehicular traffic access for maintenance vehicles, renovate landscaping, and provide a new, small building for community use with toilet facilities and storage. **660 sf | \$1.2M**



ABC Catherine Park

Carriage House at Cylburn Arboretum Park

Renovations created an innovative educational space and establish the structure as a highly functional and vital connection to the surrounding community and lush nature and restoration of the Portico. **3,360 sf | \$200,000**

M&D is collaborating with KES for projects assigned under this On-Call Contract.

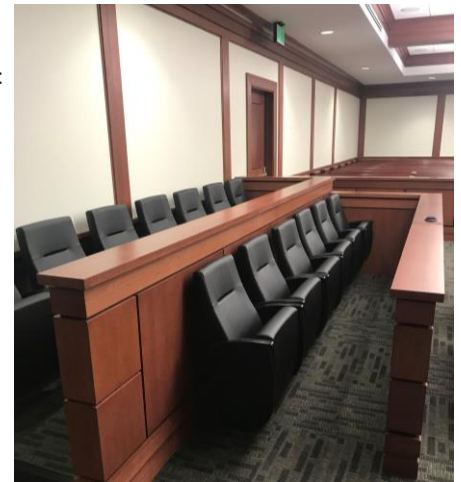
**BALTIMORE CITY DEPARTMENT OF GENERAL SERVICES
ON-CALL CONTRACT PROJECTS**



M&D completed the following representative projects under this On-Call from 2010-2020:

Clarence Mitchell Courthouse Renovation

Interior renovations to design new third & fourth floor courtrooms, including Jury deliberation room with private men's and women's restrooms, Judge's Chambers including offices for the Judge, Judge's assistant, and up to two clerks. **20,000 sf | \$2.1M**



Clarence Mitchell Courthouse

Park Heights Police Station Feasibility Study

Feasibility study/concept design for a new police station, including programmatic confirmation, cost estimate, and scope.

Southwest District Police Station Renovation

Interior renovations to transform a former cell blocks into open and enclosed office spaces, including the addition of a small break area.

Fire Engine House 44 Roof Replacement

Complete removal of the existing slate roofing system including all related flashings, gutter, downspouts and other appurtenance to the roof decking, and the installation of a new complete "slate-look" synthetic roofing tile and drainage systems. **\$245,000**



Mayor's Office of Employment Development

Fire Engine Houses 45 & 53 Renovation

Interior renovations, upgrades, and improvements providing new electrical power systems and circuiting. The Kitchen and TV area were renovated/updated, providing a new, larger, and much improved kitchen/cabinetry layout. **6,500 SF | \$1.2M**



Fire Engine House 44 Roof Replacement

Abel Wolman Building

Treasury Management Department Renovation

Interior renovations to reconfigure the layout of the Department to include the creation of new 'open office' spaces, a new conference room, private offices, and storage spaces. **3,000 SF | \$575,000**

Mayor's Office of Employment Development (MOED) Renovation

The renovations entail repairing water infiltration and exterior damage to the brick: masonry due to flashings, downspout, and internal gutter deterioration, damage to the metal cornices due to moisture which has resulted in missing portions of the original historic cornice and temporary patches that did not provide to be a viable long-term solution. **17,700 sf | \$877,400**

Municipal Employees Credit Union Office (MECU) Systemic Renovation

M&D provided comprehensive design for the replacement of the windows and first-floor storefront areas at the MECU Building located at 7 East Redwood Street in Baltimore.

81,700 sf | \$1.8M



Municipal Employees Credit Union Office

M&D has undertaken the following representative projects, under our current On-Call Contract from 2019-present:

Nature Center at Fountain Rock Park Improvements

Modernization of the interior and repairing the building envelope. Existing layout was reconfigured with new animal enclosures and built in casework . A new animal care room was added. Interior spaces were renovated with new LVT flooring, gypsum board ceilings, and new LED lighting. New aluminum clad wood windows were added to replace the existing windows. Minor exterior repairs were made to replace deteriorated materials. **1,700 SF | \$700,000**



New Pine Avenue Maintenance Complex

New facility and site improvements. The existing structures will be demolished, and a new facility will house all Facilities Maintenance functions. The new facility will accommodate shop areas for Departments such as carpentry, painting, HVAC, electrical, plumbing, locksmith, vehicle bay(s), and storage. Office space will also be provided for Administrative and other personnel (approximately 40) and is to include meeting and training rooms. Other support spaces such as locker rooms with showers, breakroom with kitchen, and restrooms, will also be provided. At this time, it is envisioned that the northern most shed structure will be enhanced with a new receiving/loading dock and lift to the existing second floor storage area and improved lighting. **15,000 SF | \$4M**



EMS Storage Facility Roof Replacement

Roof replacement with a 0.80 thickness white TPO membrane that meets County Standards. All existing skylights and unnecessary penetrations will be removed and sealed. **20,000 SF | \$600,000**



Jefferson Satellite Facility Enhancements

Expansion and general infrastructure improvements to the Jefferson Satellite Facility to provide additional covered parking for maintenance vehicles with an enclosed wash bay and chain storage, a fueling station, and relocated brine tanks. The new open-sided structure will contain 4 parking spaces and be constructed of concrete masonry units for durability, wood framing and steel structure, exterior metal panels, and a metal roof. Adequate ventilation is provided through metal louvers and natural daylight shines deep into the parking structure via aluminum storefront systems. Other site and infrastructure improvements include a new generator to serve the facility, card reader access at the vehicular/gate entrance, reconstruction of a failing stormwater facility, and extended infrastructure. **650 SF | \$1.05 M**



M&D is collaborating with Triad Engineering for projects assigned under this On-Call Contract.

M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

New Boaters Change House Facility
Ohiopyle State Park
Ohiopyle Borough, Fayette County

Construction of a new Boaters Change House facility that serves both the needs of the private boater accessing the Youghiogheny River, as well as the general park visitor.

\$1.1M



New Boaters Change House Facility, Ohiopyle State Park

Stream Restoration
Ryerson Station State Park
Greene County, PA

Design and construction of a comprehensive natural ecosystem restoration of the stream channel and floodplain within the park, as well as including a vehicular roadway and bridge crossing North Fork Dunkard Fork and connecting the park office complex and the Maple Grove day use area. This project also incorporates other operational and recreational amenities. **\$8M**

Park Improvements
Ryerson Station State Park
Greene County, PA

Re-design of the Maple Grove day use area with various operational and recreational amenities, including a parking area and vehicular circulation, four pavilions on concrete pads with water and electric service, nature themed play area, outdoor amphitheater, pre-cast comfort station, landscape planting design, and stormwater design.

\$4.5M



Organized Group Camps, Laurel Hill State Park

Kent Run Stream Assessment
Ryerson Station State Park

Monitoring of Kent Run on PA DCNR lands to complete an on-site assessment.

Organized Group Camps
Laurel Hill State Park, Somerset, PA

Rehabilitate, renovate, or demolish and construct new facilities within the group camps that satisfy the operational needs of the park as well as provide improved services and safety to group camp users, as well as preserving the largest collection of Civilian Conservation Corps (CCC) era architecture in the PA State Park System. **\$3.2M**



HOWARD COUNTY, MARYLAND ON-CALL CONTRACT PROJECTS



M&D has undertaken the following representative projects, under our current On-Call Contract from 2017-present:

Harriett Tubman Community Culture Center Renovation

Multiple phases of studies, programming/master planning, design, and construction administration for the historic Harriet Tubman School Building, which was originally constructed in 1948 as the County's only all African-American high school. The project seeks to turn the one-story historic building into a cultural and community center operated by the Howard County Department of Recreation and Parks (HCRP) and the Harriet Tubman Foundation. Ensuring project phases have included architectural and engineering design for the restoration of the original auditorium/gymnasium, cafeteria, and one classroom, along with the comprehensive renovation of the building for new purposes, such as Art Activity, a children's room, youth room, reading room, fitness and aerobics, and multiple multi-purpose rooms to be used for community gathering, STEM classes, and learning. **29,000 SF | \$5.5M |**



Florence Bain 50+ Community Center Renovation

Programming and conceptual space planning study related to re-arranging, re-configuring and/or re-organizing the existing office/administrative and related areas which are currently utilized by the Bain Center, the Department of Recreation & Parks, and the State Health Insurance Assistance Program (SHIP), and which are located primarily within the Southeast quadrant of the facility. Coordinated meetings with the Dept of Community Resources and Services to gain additional insight and information regarding new programmatic needs, additional staffing requirements, and preferences. Currently under construction and are expected to be completed in late 2020. **26,100 SF | \$2M**



Historic Belmont Barn Assessment/Feasibility Study

Two Phase Assessment/Feasibility Study for structural preservation focusing on the historic stone bank barn. The Phase 1 Assessment included identification of the historic significance of the barn, detailed drawings and short-term and long-term preservation recommendations for structural preservation. The Phase 2 Feasibility Study required specialized structural testing of the barn's timber structure. M&D collaborated with the Maryland Historic Trust (MHT) to confirm the barn was outside of the MHT easement for the property. It was confirmed that the existing floor timber and deck should be replaced with a new timber/deck floor. **3,872 SF**

Barnard Fort House Renovation

Renovation of the building to facilitate the Heritage Program with two open, flexible gathering spaces/classrooms on the first floor, offices and a single conference room on the upper levels, an archaeology lab with associated storage for approximately 100,000 artifacts, a break room, and ancillary spaces. **5,018 SF | \$1M**

M&D is collaborating with CostCon for projects assigned under this On-Call Contract.

MARYLAND JUDICIARY ON-CALL CONTRACT PROJECTS

M&D completed the following representative projects under this On-Call from 2016-2021:

Anne Arundel County District Court

Re-design of the existing District Court Commissioner office space. An enlarged corridor with a transaction window/counter for each of the three commissioners, with a bench and a relocated storage closet. New finishes included carpet tile and vinyl base for commissioner offices, and VCT flooring and vinyl base in detainee corridor and storage. Each transaction counter has Armortex bullet resistant window, a deal tray, and a sound system for communication.

Metal Awning Design

Design of a Metal Framed Awning at 2009 C/D and 2011 C/D Commerce Park Drive in Annapolis. A solution for each of the two locations where a metal framed awning installation was requested. The awnings comprised of Kynar-painted aluminum standing seam roofing over a nominal 1 1/2" x 1 1/2" aluminum tube frame. The awning was approximately two-and-a-half feet high and project approximately three feet. The assembly was secured by masonry anchorages to the building wall.

M&D has undertaken the following representative projects, under our current On-Call Contract from 2017-present:

Harford County Sheriff’s Office Building, Bel Air, MD

Comprehensive master planning/investigation/scope confirmation which led to upgrades, modernizations, and renovations, including MEP and life safety systems, HVAC system, ceiling conditions, and floor plan/layout. The project included a thorough field investigation and survey of the entire facility including all current MEP and Life Safety systems. The renovation created a more efficient floorplan/layout and improved work environment aesthetic. **8,600 | \$3.8M**



Bel Air Library, Bel Air, MD

Initial Space Planning and Design for Schematic Design and Cost Estimate. The project is now moving forward into Design, Bidding and Construction. M&D is leading the Architectural Space Planning/Interior Design, Engineering & Consulting Team – providing full finishes package. **51,532 | \$16M | In Design Phase**



M&D is collaborating with CostCon for projects assigned under this On-Call Contract.

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION ON-CALL CONTRACT

M&D has undertaken the following representative projects, under our current On-Call Contract from 2019-present:

Seneca Store Archaeological Feature Protection & Exhibit

The discovery of an original 18th century stone water wheel enclosure connected to what was believed to be an early 20th century store confirmed that this was the site of an 18th century mill. This offered Montgomery County a wide range of opportunities to enrich the site and expand on historical interpretation. Water-powered mills were a key part of the agricultural economy in the Seneca Historic District in the 18th and 19th centuries. Grist mills ground wheat and corn into flour and meal for local farmers. As a result, they were also vital suppliers of food to armies during the Revolution and Civil War. The design concept retains the foundations of the archaeological mill pit foundations as seat walls and enhances the hardscape with paved walkways that also help to visually delineate the path of the original mill race. A sculptural wheel has been added to recall the original water wheel. This historic feature is enhanced by interpretative signage and a protective roof. Safe separation between visitors and vehicular driveway will be designed as well as access by pedestrians and bicycles.



Mt. Calvert Manor Repairs

Architecture and Engineering Professional services which includes repair and restoration work to preserve and protect the existing building, which serves as an archeology museum, as well as system upgrades to protect the artifacts housed within. The work includes repairs to the masonry foundation walls, exterior masonry repointing, roof and chimney repair, exterior door and window repair, a structural evaluation, and mechanical, electrical, and security upgrades.



CARROLL COUNTY, MARYLAND ON-CALL CONTRACT PROJECTS



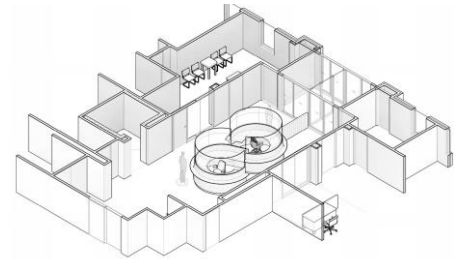
M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

Carroll Community College Building A Systemic Renovation

Review of contractor submittals for reroofing projects. Reviewed submittals against project manual specifications and county standards. Approved submittals and returned them to owner to have the contractor proceed with work.

Carroll County Public Works Building Lobby Renovation

M&D designed the renovation of the new layout for the ground level entrance lobby area as a means to improve the interior conditions to reduce the likelihood of transmission of COVID-19 in the Carroll County Public Works Building. Government buildings require a sensitivity and expertise in building systems and situational awareness strategies. COVID-19 presents a new challenge that is being studied right now. Our close attention to current research and consultations with our engineers is our fundamental approach to design pre COVID. The lobby at the C.C. government offices presents design challenges for functionality, screening, circulation strategies and control of air flow systems. The lobby functions to receive employees and the public with a secured automatic sliding door vestibule with kiosk operations. Finishes must be non-porous for anti-viral cleanings and should be universal design goals. Special attention is to be given for the low voltage security systems, HVAC systems to optimize safest airflow design, and listen to the unique needs of the users including the maintenance and cleansing staff persons. Such project benefit from fast track delivery allowing design flexibility and long lead orders to overlap.



Carroll County Government Complex Conceptual Master Plan/Site Plan

M&D had previously completed a Conceptual Master Plan/Site Plan in 2020 and is now expanding it to include the entire Carroll County Government Campus. We evaluated the building locations, building functions, building adjacencies, and parking capacity. This updated Conceptual Master Plan/Site Plan considers future development and expansion of the Campus.

Carroll County Farm Museum Maintenance Building Reconstruction

Carroll County will be erecting a Shell/Pole Building to be the new/re-constructed Carroll County Farm Museum Maintenance Building which had been destroyed by fire in March 2021. M&D's services include the interior fit-out of the Shell/Pole Building. Interior Fit-Out design services will be undertaken concurrently with the Shell/Pole Building construction. Program spaces will include storage spaces, a work area, tool room, electrical room, welding/metal cutting area, artifact restoration area, wood shop area, restroom with shower, a break room, and an office. Additionally, a loft/mezzanine to be utilized for storage may be included as an add alternate.

CECIL COUNTY, MARYLAND ON-CALL CONTRACT PROJECT

M&D has undertaken the following representative projects, under our current On-Call Contract from 2021-present:

Cecil County Animal Shelter

Cattery Additions and Building Sprinklerization

The existing cat free range room is being renovated and 2 additions are being added to either side of the existing free range room. These additions add a new cat nursery, meet and greet room, food preparation area, stray cat room, and a feral test and release room. An exterior "catio" is also being added to allow the cats in the free range room to go outside in a safe enclosure. The additions were designed to "work with the existing structure and not against it". M&D met with Animal Shelter representatives to review three proposed plan layouts. After one was chosen, M&D further designed the spaces. Accessibility was also improved, allowing ADA access to the free range room which was not previously accessible. The complete dry pipe sprinkler system was added to the entire building as part of the project. The additions had a new mechanical system added that would provide fresh air to the building. **1,884 SF | \$700,000**

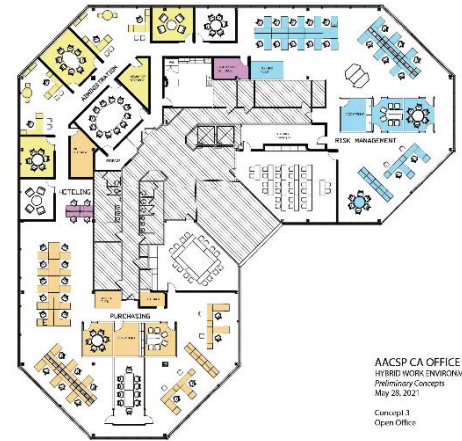


M&D is collaborating with Convergent, CostCon, and Aria for projects assigned under this On-Call Contract.

M&D has undertaken the following representative projects, as well as many others, under our current On-Call Contract from 2019-present:

Office of Information Technology (OIT) Hybrid Work Format

Interior space planning for recommendations and phased renovation plans for Hybrid Work for the OIT. The OIT occupies 22,245 sf on three floors of the Arundel Center Building 1, 8,422 sf on the second floor, 7,849 sf on the third floor, and 5,974 sf on the fourth floor. *shown right*



County Executive Offices

Space planning services related to interior renovation of the County Executive Offices currently located in three suites within the Arundel Center Building 2 in Downtown Annapolis on the Third and Fourth Floors. Priorities include reconfiguring for better adjacencies and efficient use of space, and a comprehensive, thoughtful design reflective of today’s changing work environment and the public leadership provided by County Executives. *shown right*



Courthouse Administrative Offices

Space planning services related renovations to the Courthouse Administrators Offices to consolidate 8 departments adjacent to the Court Administrator’s Office in Suite 401. Court IT, Family DCM, Civil DCM, Criminal Case Management, Court Reporters, and Interpreter Coordination will be moved to Suite 403, and Drug Court and Custody Evaluation to Suite 402. Additionally, Suite 403 will accommodate the existing Orphans Courtroom, Reception Area, (2) two new Settlement Judge and (1) Visiting Judge Chambers.

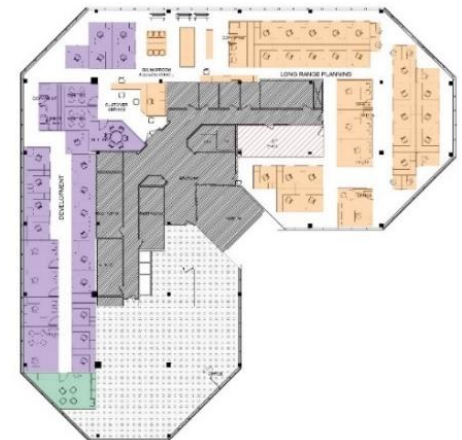
Central Services Administration Offices

Space planning services related to interior renovation to address space planning needs in order to better consolidate the work of each team within the existing space. It is intended to be open and collaborative allowing each team to function internally in a more efficient manner. The re-designed space shall accommodate 45 existing employees and 2 new positions, occupying 11,176 square feet on the Third Floor of the Heritage Office Complex. *shown right*



Planning and Zoning Offices

Space planning services related to interior renovations to the Planning and Zoning Offices to accomplish Short-Term and Long-Term goals. Short-Term Goals: There is an immediate need for additional staff accommodations and more cubicles are needed on the Fourth Floor. The Third Floor will need an additional cubicle and an enlarged office. The plan is to improve adjacencies and efficiency with a more collaborative, open office concept. Long-Term Goals: It is desired to have the three divisions of Planning, Zoning, and Development organized in a more functional space with flexibility to accommodate anticipated growth, while improving efficiency and customer service. Phasing of the project will be expected with swing space available in 2 conference rooms and the anticipated additional Office of Transportation space on the third floor. *shown right*



Transportation Offices

An initial Transportation Office Programming Study was completed. To accommodate the expansion of the Planning and Zoning Offices, the approximately 2,997 sf on the third floor currently occupied by Transportation could be utilized to fulfil the additional requirements identified.

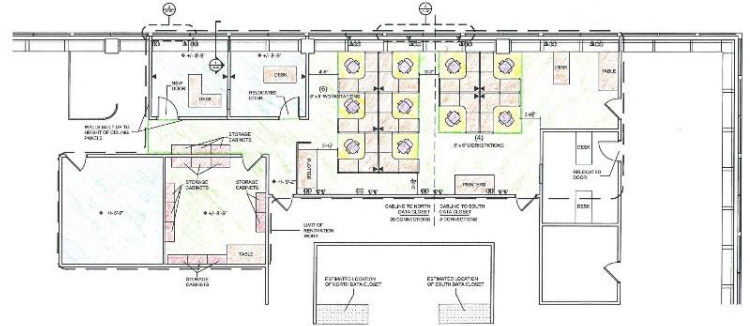
M&D has undertaken the following representative projects, as well as many others, under our current On-Call Contract from 2013-present:

Historic Courthouse

Architectural and Interior Space Planning for renovations for the Baltimore County Office of Budget and Finance, the Customer Service, Purchasing, and Benefits Divisions Offices, including the First Floor Elevator Lobby of the Baltimore County Historic Courthouse.

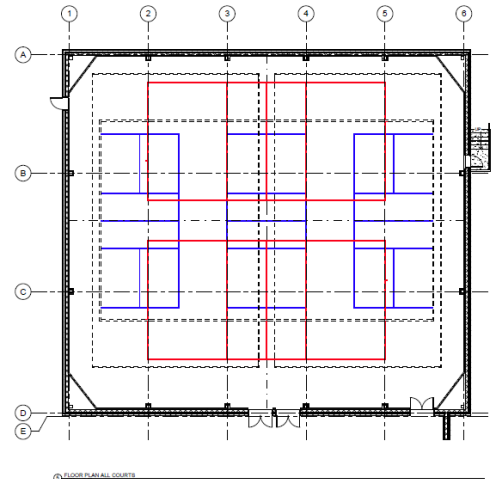
Public Safety Building

Architectural and interior space planning for renovations to the Public Safety Building including the Police Department Renovation within the 7th and 8th floor offices. Phase 1 includes the 7th floor renovation which will consist of relocating office space and adding an additional private office. Phase 2 includes the 8th floor renovation which will consist of adding one new office and workstation reconfiguration.



Pickleball Courts

Line painting renovations for multiple Pickleball Courts, located at the Cockeysville Community Pals Center, Jacksonville Community Center, and Honeygo Run Community Center.



Soukup Park Pickleball/Volleyball Courts

Line painting for the volleyball and pickleball courts.

IT/Print Shop

Architectural, interior space planning, and lighting design for a renovation to accommodate the IT/Print Shop relocation to the Baltimore County Office Building. The Main Print Shop will be relocated to the small existing Central Print Shop while five other departments will be relocated to the larger Central Print Shop and Reproduction Room. A more collaborative work environment is desired compared to their current cubicle paneled workspaces.

Stembridge Community Center

Renovation and space planning services for the design of an addition to the Stembridge Community Center to house the Young Parent Support Center, the Women, Infants & Children Program, and a Clinical Services/Health Center. Staff, administrative, and end user needs for each of the three groups were part of the project.



Board of Elections

Renovation and space planning services for the existing Gilroy Utility Shop to serve as the new office for Baltimore County Board of Elections staff. The project involved creating a combination of private offices and open office workstations, as well as conference rooms, meeting rooms, and a library to accommodate day to day meetings, training of Election Judges, War Room, and Board Meetings with capacities ranging between 6 to 50 people.

Animal Services Building

Schematic drawings for the Animal Services space planning to renovate the current meeting room to accommodate one office for two employees and relocate the meeting room to an adjacent space.

West Manchester Township Municipal Complex and District Court Building, York, PA

The new facility design includes areas for office, storage, and related spaces for multiple departments and a new meeting room. The Police Department wing of the new building addressed the increased needs of the Police Force.

Additionally, an exterior covered parking canopy was provided for 20 police vehicles. Subsequently, M&D designed the New District Court #19-2-03 for the County of York on the same site as the New West Manchester Township Building. Based upon initial programming phase, M&D developed an extremely functional design which includes a public lobby and waiting area, court room with seating for 35 persons, the District Judge’s office, private conference/deliberation room, office for up to six staff, records room, storage, staff lounge and restrooms. Additionally, a holding area has a separate entrance and restrooms to ensure security. **29,070 SF | \$4.75M**



Springettsbury Township Municipal Building Renovation, York, PA

M&D renovated the existing Springettsbury Township building and designed a new structure to accommodate the growing space needs of both the municipal offices and the police department. The renovated Township building now houses the police headquarters and the new facility provides space for a variety of municipal functions including offices and conference rooms. The new municipal facility addresses the critical needs of separation of visitor and official business functions, storage space, and integration of electronic technology. This building features a public meeting room, a warm and inviting lobby/waiting area and interior staff offices and work areas that are filled with natural light.

28,373 SF | \$2.8M



York City Administration Building, York, PA

M&D initially undertook an extensive programming and concept design effort and later coordinated all design services to facilitate a comprehensive relocation and consolidation of the City’s Administrative offices within the three-level structure. The adaptive reuse accommodated new **City Council Chambers**, Mayor’s Office Suite, Revenue and Finance, Permits/Planning and Zoning, Public Works, Economic and Community Development, Human Resources, Controller, Solicitors, and Information Technology offices. The design also incorporated meeting spaces, storage, records/archives support, and technology upgrades. **53,000 SF | \$880,000**



ADDITIONAL MUNICIPAL FACILITY PROJECT EXPERIENCE



Department of Legislative Services Office Building, Annapolis, MD

M&D was hired by Maryland Stadium Authority to determine whether the existing 1976 Department of Legislative Services (DLS) building in downtown Annapolis should undergo a renovation or be demolished and built new to meet the demands of the 350-plus building users. An in-depth Programming & Due Diligence Study compared five project alternatives and it was decided that the best way to maximize the dense urban site and accommodate the future needs for the Department of Legislative Services Staff is to demolish the existing five-level structure and build a new, larger, six story building. M&D then undertook a Study Design to ensure that the exterior building design, components, and massing would fit within the context of historic downtown Annapolis. M&D's Study design was approved, the project moved forward – and is currently in the Construction Documents Phase. The new building will include significant office, conference, and meeting space and related amenities, a double-height Joint Hearing Room, a library, and print shop. **141,500 SF | \$93M (est.)**



WORKSTATIONS



New Municipal Center Program Needs Confirmation/Concept Test Fit Study

Town of Bladensburg, MD

The new Municipal Center Building is to include program areas identified by the Town Administration and Police Department – including but not limited to multiple Administration departments and work areas, and a multi-function council chambers/ community space – along with a comprehensive state of the art Law Enforcement/Police Station that consolidates all operations from two existing buildings into one efficient and safe facility. M&D expanded upon the limited space program information provided – utilizing our space planning database from other similar Municipal Administration and Police complex projects. The primary objective of the Program Needs Confirmation/Concept Study was to evaluate and identify multiple basic “test fit” options of how a new building could be planned for on the identified site – and the identified basic program areas for Administration, Public Meeting, and Police could be arrayed within the new building layout and campus plan.



Municipal Government Office Building/Campus Feasibility Study/Site Analysis, Centreville, MD

The primary objective of this Feasibility Study/Site Analysis was to evaluate the feasibility of multiple sites to accommodate the various Town Municipal Facility program components – and how such can be consolidated cohesively on a new Municipal Campus. The focus of this Study is to evaluate the basic “test fit” capacity of the different sites for accommodation of municipal programmatic space needs and associated site requirements. M&D met with each Town department user group to identify and understand existing and future needs. The information gathered from the user-group meetings and site visits was consolidated, analyzed, and presented to key stakeholders in various formats, including diagrams, program verification spreadsheets, color floor plan options, basic conceptual site/massing concepts, and narratives to develop adjacency requirements, building flow, shared building amenities, and office space needs.



Zimmerman Center for Heritage Waterside Pavilion & Accessibility Enhancements, Wrightsville, PA

As part of a comprehensive facility improvement project involving both their waterfront site along the Susquehanna River and historic eighteenth century headquarters building, M&D was commissioned for the construction of a Waterfront Pavilion and Accessibility Enhancements connecting all public recreation and heritage interpretation facilities on their property – and making them truly accessible to all users/visitors. The siting is along the northern property boundary nestled among existing trees, adjacent wetlands, new rain gardens, and is linked to the new interpretive pathway system of the Zimmerman Center. M&D’s consistent internal message concerning the pavilion design was that it is about the river and the waterfront – not about the architecture. **600 SF | \$1.3M**



Reid Menzer Memorial Skatepark York, PA

The skatepark was originally built as a living memorial. The expansion provides an area for more “beginner” skating and stabilizes all existing park perimeter edge conditions with skateable/non-eroding surfaces – and provides lighting at all areas of the existing and new skatepark for safe nighttime use. The new expansion incorporated large and small concrete rollers, 4’ quarterpipes and miniramps, bank ramps, concrete box platforms, steel rails, gaps, pockets, and a prominently featured concrete pyramid for use by younger or beginner skaters. Additionally, the expansion aimed to increase seating and shaded areas for skaters and spectators, add hardscaped spaces into the existing park using recycled and donated materials, and create a more prominent entrance to the park. **13,000 SF | \$250,000**



York Jewish Community Center Renovation & Addition, York, PA

Initially, a Master Land Development Plan addressed the Community Center’s future expansion needs in order to update and add a variety of new services and facilities. The fitness center features a continuous glass wall providing panoramic views to the exterior for users, while the childcare classrooms are filled with light by a combination of full-height and clerestory windows. The fitness center expansion includes a dance studio, cardio/spin areas, stretching space, and locker room renovations. Also included are a 10,400 sf childcare expansion/renovation and site development of a new 64-space parking area. **16,200 SF | \$6.6M**



KES ENGINEERING – Mechanical, Electrical, Plumbing, & Fire Protection Engineering



Firm Overview - KES Engineering, Inc. was established in 1998 in the State Maryland as a mechanical and electrical engineering consulting Firm. The Firm has MBE/DBE certification for the states of Maryland, and Virginia, Washington Suburban Sanitary Commission (SLMBE), the City of Baltimore, and Prince George’s County. KES provides professional services to clients primarily within the Mid-Atlantic Region. They are committed to providing quality engineering services based on cost effectiveness, proven engineering solutions, and response time that will exceed client’s expectations. KES utilizes state-of-the-art computer programs and systems for all engineering document production, engineering analysis, and word processing.

KES provides a wide range of engineering services to governmental agencies and private enterprises for commercial, industrial, institutional, residential, and religious facilities. Their engineering services include feasibility studies, building energy modeling, life cycle cost analysis, facility survey and assessment, design, engineering reviews and construction support services for mechanical and electrical systems. KES’s engineering services expertise include HVAC systems, energy management, plumbing systems, fire protection systems, underground/aboveground oil storage systems, energy systems, electrical power distribution, indoor lighting, outdoor lighting, fire alarm systems, site utilities, emergency power generation, lightning protection systems, and nurse call systems.

KES has provided consulting engineering services to public clients such as the National Institute of Health (NIH), National Cancer Institute (NCI), Baltimore City Public Schools, The U.S. Army, the University of Maryland Systems, Maryland Department of General Services, the City of Baltimore, Maryland Stadium Authority, Maryland Department of Transportation, the Maryland National Capital Park and Planning Commission, Maryland Department of Public Safety and Correctional Services, Maryland State Highway Administration, Montgomery County Public Schools, the Prince George’s County Public School Board, the District of Columbia Government, and the City of Cleveland, Ohio.

Prince George’s County Experience:

- Maryland-National Capital Park and Planning Commission
 - Eight Park facility renovations
- Palmer Park Community Center
- Fairmont High School Replacement
- Hyattsville Area Elementary
- Berwyn Heights Elementary School

On-Call Experience:

- Baltimore City Department of Recreation & Parks
- Maryland Department of Transportation
- Maryland Aviation Authority
- Baltimore City On-Call A/E Services
- MVA A/E On-Call Services



TRIAD ENGINEERING – Civil, Geotechnical, & Traffic Engineering & Landscape Architecture



Firm Overview - Triad Engineering, Inc. is a multi-disciplinary engineering firm based in the Mid-Atlantic region specializing in the areas of geotechnical engineering, civil and utility engineering, surveying, construction materials engineering and testing and inspection, environmental consulting services, drilling, and other earth science related disciplines. Since its founding in Morgantown, West Virginia in 1975, Triad has provided engineering consulting services on thousands of projects of varying size and complexity. Triad is 100% employee-owned, with every employee taking part in Triad's ESOP from field support staff to senior managers.



Triad's work force includes environmental scientists, geologists, hydrologists, civil, geotechnical and mining engineers, landscape architects, chemists, surveyors, trained Computer-Aided Design (CADD) draftsmen, field and laboratory technicians, drillers, and support personnel. They pride themselves on a very low turnover rate, which adds to continuity and enhances the level of productivity and experience afforded by Triad.

With over 46 years of service in West Virginia and surrounding states, both the number and complexity of their projects have grown. Their clients include federal, state and local governmental agencies, contractors, architects, engineers, attorneys, developers, commercial organizations, and mining and industrial corporations.

Each office maintains networks to support CADD functions, hydrogeologic evaluations, water balance modeling, roadway design, storm water management and surface water drainage, design, stability analyses, risk assessment, survey data reduction, and mapping. These broad, in-house capabilities give Triad better control over project schedule, quality and cost, thereby minimizing problems that can occur during the various contract phases.

On-Call Experience:

- Frederick County Parks & Recreation Indefinite Delivery/Indefinite Quantity (IDIQ) Contract
- Frederick County, Maryland A/E On-Call Contract
- Frederick County, Maryland Landscape Architecture and Engineering On-Call Contract
- City of Gaithersburg, Maryland IDIQ for Various Citywide Improvement Projects
- City of Gaithersburg IDIQ for Capital Infrastructure Improvement Projects
- Town of Boonsboro On-Call Contract



Relevant Experience:

MedImmune Park, City of Gaithersburg IDIQ Contract for A/E Services, Gaithersburg, MD

Triad was contracted by the City of Gaithersburg to create design and construction administration documents for a pedestrian park surrounding the MedImmune community. Triad's design services included: completion of stormwater management concept plan, tree survey, topographic survey and a Natural Resource Inventories (NRI) plan. In addition, the park design included some of the following elements: butterfly garden, 2-3 picnic areas, 1 pavilion, dog park area, play areas, walking trail, and more.



Firm Overview - Cagley & Associates, a small minority-owned business (MD DOT MBE # 07-228) located in Rockville, Maryland with a full-time staff of 19 people, 13 of whom are registered engineers founded in 1973, has engaged solely in the practice of consulting structural engineering since its inception. Cagley is very well qualified to provide structural engineering services for this project as their project experience includes numerous facilities for various county, state and Federal Government agencies as well as private industry.

The firm provides services covering all phases of structural engineering. These services include studies of structural systems in the conceptual phase, preliminary design and cost estimates, final design and working drawings, specifications and general on-site observation of the structural work through the construction phase. Their services also include structural reviews, evaluations of existing buildings and proposed project evaluations. Cagley has many years of experience on numerous indefinite delivery contracts for a variety of public and private sector clients, including a number of government agencies. This experience has helped them to understand the interaction required with the agencies during the design and construction process.

Relevant Experience:**College Park City Hall Redevelopment, College Park, MD**

The new \$35,000,000 City Hall for the City of College Park is a 95,000 sq. ft. project that includes 38,000 sq. ft. for the City, 45,000 sq. ft. of office space for the University of Maryland and 7,000 sq. ft. of retail on the ground level. The 4-story concrete framed building is organized around a new civic plaza that marks the heart of the City of College Park, Maryland. The building includes a new city council chamber, public meeting space, and a central lobby connecting the neighborhood to the East with the plaza on the building's West side. Retail fronts on Baltimore Avenue with outdoor dining activating the plaza. Both the plaza and building incorporate sustainable features for energy and responsible treatment of water.

**State of Maryland/Department of General Services Structural Design and Engineering Services Indefinite Delivery Contract (Prime)**

For over 12 years, Cagley & Associates was the prime contractor for an indefinite delivery contract for the State of Maryland Department of General Services. The tasks included Public Safety Educational & Training Center Sykesville Rifle Range Upgrade, Sykesville, MD; Restoration of the Fair Hill Grandstands, Fair Hill, MD; Pedestrian Bridge Repairs at the Annapolis District Courthouse, Annapolis, MD; and Renovations of the Maryland State Court Office Building, Annapolis, MD .

**Miscellaneous Projects for the Maryland National Capital Planning Commission**

For over 40 years, Cagley & Associates has performed structural engineering services on a number of projects for MNCPPC, both as a prime consultant and as a subconsultant to various firms. The tasks included Wheaton Regional Park Activity Center; Argyle Recreation Center; Needwood Golf Clubhouse Renovations & Additions; Browning Barn Renovation at Little Bennett Golf Course; Meadowside Nature Center Renovations & Additions; Wells Barn Survey & Repairs; and the Brookside Gardens Education Center Renovation.



CONVERGENT TECHNOLOGIES DESIGN GROUP – Data/Telecom/Security Consulting



Firm Overview - Founded in 1999, Convergent Technologies Design Group's background spans over two decades with more than 850 successfully completed design projects. Strategically positioned offices in Maryland, Arizona and New York allow their designers and project managers to effectively service clients coast to coast. Various markets in which CTDG works include: Libraries, Recreation & Wellness, Higher Education, Healthcare, Justice, Performing Arts, Federal Government, K-12, Museums, Radio, Television & Recording Studios, Hospitality & Gaming and LEED Projects. Their fundamental design philosophy encourages their designers to be "cross-trained" in the various technologies that they specialize, in order to identify the most economical and functional solution to any challenge.

Relevant Experience:

- **Benton County** – Courts Technology Upgrades
- **Washington County** – County-wide AV Technology & County Boardroom Voting System Jailhouse
- **District of Columbia Courts** – Old DC Courthouse & Parking Garage Renovation
- **City of Alexandria** – Public Council Hearing Chamber Historic Renovation
- **Maryland Department of General Services** – Rockville District Court
- **Fairfax County** – New Courtroom Technology Standards
- **University of Baltimore** – School of Law Moot Courtroom
- **Fairfax County** – County Courts Building Renovation
- **Wacupaca County** – County Courthouse Masterplan
- **Bowie City Hall** – New City Hall & Police Department
- **Queens Anne County** – New Circuit Courthouse
- **Maricopa County** – Southwest Justice Courts
- **Maryland Department of General Services** – Female Detention Center
- **City of Chandler Police Department** – Public Safety Training Center
- **Baltimore City Public School District** – Police Headquarters Command Center
- **City of Fort Worth** – Public Safety Center



On-Call Experience:

- **Eagle Mountain-Saginaw Independent School District** On-Call Acoustical and Audiovisual Engineering Services
- **Kent State University** On-Call Tele/Data Designer
- **Baltimore City** On-Call
- **University of Maryland, Biopark** On-Call Architectural Services
- **University of Maryland System** On-Call Consulting for Educational Technology Systems
- **Smithsonian Institute Campuses** On-Call Term Contract
- **City of Alexandria** IDIQ
- **US Department of State** IDIQ
- **Smithsonian Institute** IDIQ
- **Kennedy Center** IDIQ A/E Services
- **Architects of the Capital** IDIQ
- **Prince William County** Interior & Space Planning IDIQ



COSTCON CONSTRUCTION SERVICES – Cost Estimating



Firm Overview – *COSTCON Construction Services, Inc.* was founded in November 2008 and provides the following services: Cost Consulting, Pre-Construction Services, General Contracting, Construction Management, and Expert Witness Services. *COSTCON* specializes in Consulting and Construction in the following areas: Healthcare, Education, Religious, Senior Housing, Public/Civil, and Commercial/Retail Construction. The company was founded by Lloyd Bernstein, who previously was President and founder of ALBECON (Formed in 1984), a successful General Contracting and Consulting firm. Lloyd Bernstein is the President/Chief Estimator and brings to each project over 45 years of construction experience on individual projects valued in excess of \$1 billion. *COSTCON Construction Services Inc.* uses cutting edge computerized methodology and historical/current data bases to provide accurate and detailed cost estimates and each design stage of the project. Each estimate provides an accurate guide for the successful cost projections of each project.

Prince George’s County Experience:

- Renovations to the Old Prince Georges County Administrative Office Building
- Repairs to Parking Garage at the Old Prince Georges Co. Admin. Office Bldg.
- Men's Transition Center Feasibility Study
- Multi-Cultural Center Feasibility Study

Relevant Experience:

- Rockville Police Station and Annex
- Carroll County Office of the State’s Attorney
- Annapolis Public Safety Campus Master Planning Study



ARIA ENVIRONMENTAL – Hazardous Materials Consulting



Firm Overview - Aria Environmental, Inc. (AE) is a MDOT-certified woman-owned small business that provides environmental, industrial hygiene and safety consulting services and EPA/OSHA compliance training to private industry as well as federal, local and state agencies throughout the State of Maryland. Led by a Doctor in Public Health, AE maintains current relevant certifications in industrial hygiene, asbestos and lead-based paint services, hazardous waste operations and emergency response and drinking water. These certifications—along with the education and experience of AE’s professionals—enhance their ability to meet the challenges that arise during building construction, renovation or demolition and in finding efficient and effective solutions to environmental, health and safety issues.

Relevant Experience:

Maryland State Highway Administration (SHA) – Hazardous Materials and Groundwater Assessment Services (BCS 2007-21CC; with AECOM Technical Services), Various Locations, MD

AE is providing on-call industrial hygiene services for the Maryland State Highway Administration as the industrial hygiene subconsultant under an open-end contract held by AECOM Technical Services.

Under this contract, AE has reviewed property and tax information, conducted site assessments and full hazardous material surveys for the entire interior and exterior of all buildings and structures on the property as well as all outbuildings, sheds, garages, etc. The hazardous material surveys included the identification and documentation of asbestos, lead paint, mercury-containing devices, polychlorinated biphenyls, ozone depleting substances, low level radioactive materials, visible mold and universal waste unless otherwise noted. An inventory was prepared which documented any chemicals/universal waste left at the property such as fuel, paint, household cleaning agents, tires, etc. The presence of wells, tanks, hot water heaters and HVAC units were also documented.

After the surveys were completed, AE prepared a report of findings that included photodocumentation, lab analysis of the samples taken at the site, recommendations for the disposal of asbestos, lead or other hazardous or regulated materials and the notation of materials that could be salvaged or recycled. Further, AE provided specification and bid documentation preparation, coordination of abatement activities, asbestos air monitoring and analytical support.



RAPID RESPONSE



The Murphy & Dittenhafer A/E Team has the necessary professional staff to provide a rapid response to the City of Glenarden as needed to meet project deadlines and requests for services. Murphy & Dittenhafer and our engineering team have years of experience with on-call contracts and are very familiar with the demands, keeping staff available for on-call assignments at all times to be able to respond expeditiously when services are requested. The proposed team includes consultants who have worked with Murphy & Dittenhafer on many previous projects, and this previous experience forms the foundation for future successful efforts. Equally important is the fact that the staff to be assigned to these projects is experienced with this exact type of design work, having been involved in many similar municipal projects throughout the state of Maryland.

Each of the A/E firms included on this team present not only considerable renovation experience, specifically with public facilities, but are also exactly the right size for the scope of work associated with their individual disciplines and the overall scale of the City of Glenarden projects; therefore, this Team will complete efforts in a timely and accurate manner. Team member firms are large enough to have the capacity and staff to amply address all tasks of the On-Call Contract projects, and small enough to have direct, hands-on principal involvement. Murphy & Dittenhafer Architects has proposed several project managers to be sure to have staff available to respond expeditiously to task assignments.

Murphy & Dittenhafer has confirmed with our consultant team members their ability to commit the needed staff and resources to ensure rapid response to on-call assignments and task completion on schedule. This team is available to begin receiving assignments from the City of Glenarden immediately as indicated in the following Current & Projected Workload Chart.

Firm	Current Open Workload Capacity	Projected 90-day Open Workload Capacity
M&D – Architecture & Overall Project Management	36%	41%
KES Engineering – Mechanical, Electrical, Plumbing and Fire Protection Engineering	40%	50%
Triad Engineering – Civil, Geotechnical and Traffic Engineering & Landscape Architecture	35%	45%
Cagley & Associates – Structural Engineering	35%	40%
Convergent Technologies Design Group – Data/Telecom/Security Consulting	30%	45%
CostCon Construction Services – Cost Estimating	40%	51%
Aria – Hazardous Materials Consulting	50%	50%

SCHEDULE CONTROL

After a kick-off meeting for each project, the team will communicate through on-going meetings, email and telephone exchanges to facilitate our completing fully developed design and well-coordinated documents. Murphy & Dittenhafer utilizes a Project Schedule that indicates tasks for our staff and consultants to complete relative to review dates and/or submission deadlines. Murphy & Dittenhafer provides overall project management and remains integrally involved until the final completion of the project. Completing projects on schedule and within budget is a goal for every Murphy & Dittenhafer project and guarantees positive results—for us and for the City of Glenarden. As a result of this commitment, we have successfully adhered to tight schedules on our previous projects.

As the prime firm on almost all of our project efforts, M&D recognizes its responsibility to manage and coordinate the team of architects and engineers to meet the needs of clients and owners. After a kick-off meeting, our team communicates through an array of in-person and digital means, with the goal of a fully developed design and well-coordinated documents. Generally, M&D's teams collaborate and meet with the Owner on an at-least-monthly basis (or more frequently if needed).

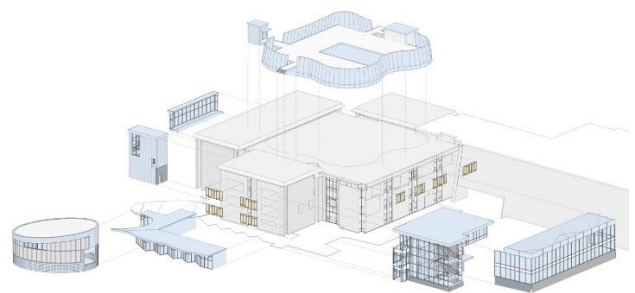
Communication between the design team and the State personnel/project manager are an important factor in the quality of the comprehensive Architectural, Engineering, and Specialty Consulting services we provide. M&D routinely applies what we have found to be the three most effective approaches to communication and problem solving:

- **Listening very carefully** to input about project requirements, to information provided during site visits and to ongoing design comments so that project goals are clearly understood by all parties. This strategy also involves the review of written materials, reports, written comments, and memoranda provided by stakeholders and user groups.
- **Developing the most complete and thorough documents** required at any particular stage of the project from schematic design and design development drawings to construction documents and through construction administration. Such attention to detail by the Murphy & Dittenhafer team ensures that all team members thoroughly understand the issues, especially critical path issues, currently being addressed.
- **Working to identify potential problems** as early as possible through ongoing and effective verbal and written communication among all players, providing for the exploration of alternative strategies with little or no impact on the project's quality, schedule, or cost.



M&D utilizes a formal quality control process for each project we complete. All projects are reviewed during strategic points of design and document development and again during the construction document phase. Our formalized quality control process requires all drawings and documents be reviewed in-house through a six-step process prior to submission to a client or contractor:

- Regular team design coordination meetings convened by the M&D Project Manager
- Ongoing M&D Project Manager Review during the design with regular informal reviews for confirmation of design intent and constructability
- M&D Project Manager review and approval at milestone completions of all architectural and engineering drawings and specifications
- In-house independent review and approval by an experienced architect or construction administrator of the project documents
- Principal in Charge's review and final approval of documents prior to submission
- Construction Phase conformance monitoring by the M&D Construction Administrator, the Project Manager, and the Principal in Charge, including regular site visits, administration of weekly or bi-weekly progress meetings, review of RFIs, submittals, construction change directives, and change order requests for conformance with the contract documents, budget, and schedule.



Sample Coordination Documents – M&D Project

After owner comments are received at each stage, the M&D Project Manager will review the comments in detail with the Principal in Charge. All comments received will be incorporated directly into the Architectural Design process and thoroughly communicated across all disciplines for meticulous document and design coordination. The firm's extensive background in public on-call projects ensures careful attention to the responsibilities of quality assurance and accountability.

When designing new or renovated community facilities, M&D welcomes the process for community and building user engagement and input, and we recognize the importance to design with a sensitivity to the surrounding neighborhood. Input from building users is critical to ensuring the facility ultimately serves user needs. Our track record of managing community and building user input, providing appropriate presentation material for public viewing, and speaking articulately with building users and the local public demonstrates that we are extremely well equipped to foster strong, collaborative relationships with users and the community.

M&D will contact and meet with all local Community Planning groups early in the design process to ensure our design is completed in accordance with all local design guidelines and ordinances and identify any restrictions, considerations, and/or processes that could affect the design.



PROJECT MANAGEMENT PROCESSES

M&D's approach to the design of municipal projects is based on a practice that has evolved through our extensive experience with a variety of municipal construction projects. Our approach is interactive and collaborative, based on a progressive process of concept/test-fit iteration, thoughtful evaluation of design options, consistent discussion among all team members, and careful refinement of design decisions. We evaluate the needs of the users and staff in relation to standards and guidelines to create an innovative and engaging learning environment. Additionally, we recognize the importance of creating a design that affords minimal impact in terms of phasing, reduction in visual distractions, and noise control and work to produce a design that minimizes these disruptions. Additional information on our Project Management Process can be found in the Quality Control Section.

Execution of the Project - Murphy & Dittenhafer has demonstrated a focus for successful execution with an established reputation for meeting user needs with projects consistently delivered on time, under budget, and with exceptional results. We emphasize:

- Experience and continuity in leadership that enables us to efficiently manage projects
- Broad perspective to comprehend the issues and trends impacting budget and schedule
- A foundation of collaboration and communication among all team members for a strong partnership in support of the client's mission and goals
- Thoughtful consideration of a project's specific needs and evaluation of design options/alternatives
- Early engagement with all project participants from City of Glenarden staff and the local community
- Responsiveness during design and construction to retain project momentum
- Accountability to ensure successful development and coordination among all disciplines
- Attentiveness to both small, complex details and the broader project mission
- Designs that exceed expectations by offering cost-effective solutions that maximize value
- Rigor and disciplines in managing the design and phased construction process to maintain project energy and aggressive schedules

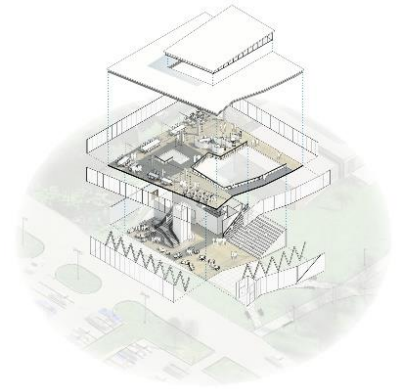


SPECIFIC & DETAILED INTERDISCIPLINARY QUALITY CONTROL PROCEDURES BY PROJECT PHASE



Schematic Design Phase

- Project Manager (PM) schedules and coordinates team Design Project Meetings (DPM) with project staff and consultant representatives.
- PM coordinates design inputs and determinations with team and consultants.
- PM and consultant representatives conduct DPM's with client and stakeholder representatives.
- PM and Architectural Designer (AD)/CADD Personnel (CADD) coordinate and assemble documents of team and consultants for Schematic Design client review submission package.



Design Development Phase

- PM schedules and coordinates team DPMs with project staff and consultant representatives.
- PM coordinates developed design inputs and determinations with team and consultants.
- PM and consultant representatives select products and materials and present for client review.
- PM and consultant representatives conduct DPMs with client and stakeholder representatives.
- Quality Assurance/Quality Control (QA/QC) Staff and consultant PMs draft, compile & coordinate technical specification based on selected and approved components and materials.
- QA/QC Staff conducts initial Quality Control (QC) review, markup (by hand and using clash detection software as appropriate) of assembled documents package and supervises execution of revisions and corrections to be made by AD/CADD.
- PM, QA/QC, and AD/CADD coordinate and assemble documents of team and consultants for Design Development client review submission package.

Construction Documents Phase

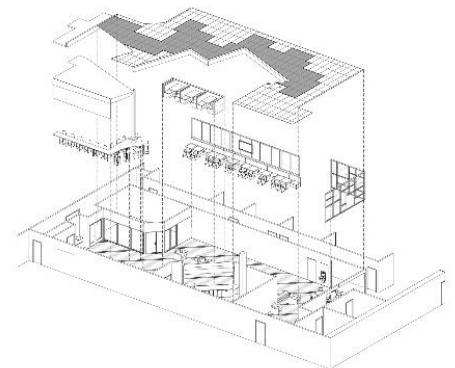
- PM schedules and coordinates team DPMs with project staff and consultant representatives.
- PM coordinates final design inputs and determinations with team and consultants.
- PM and consultant representatives confirm and coordinate products, materials, and systems, and present for client review.
- PM and consultant representatives conduct DPMs with client and stakeholder representatives.
- QA/QC and consultant QA/QC s finalize technical specification based on selected and approved components and materials.
- PM & QA/QC coordinate administrative specification requirements for bidding and construction and ascertain any alternates for bid control and/or unit pricing etc. for construction cost control.
- QA/QC conducts final QC review and markup (by hand and using clash detection software as appropriate) of assembled documents package & supervises execution of revisions and corrections to be made by AD/CADD.
- PM and AD/CADD coordinate and assemble documents of team and consultants for bid package.

Bidding Phase

- Assigned PM/Construction Administrator (CA) for construction phase administers bidding and orchestrates any Addenda for clarification or correction and assists client in review and verification of bids received.

Construction Administration Phase

- Assigned PM for construction phase/CA coordinates efforts of in-house team and consultants with interpretation of documents and processing of submittals, RFI's, PCO's, payment applications in accord with document requirements, and advises client on interpretations and processes.



Post Construction Administration Phase

- Assigned PM for construction phase/CA solicits close-out documentation from the contractor and supervises organization of record drawings and operation and maintenance documents for retention by client.

WHY SELECT THE MURPHY & DITTENHAFFER ARCHITECTS TEAM



M&D's approach to the design of every project is innovative. We focus on the essence of every commission and explore opportunities to accomplish all programmatic objectives, meet regulatory requirements, and achieve energy efficiency and sustainability in an integrated and holistic design solution. We do not endorse "architectural gymnastics" to achieve or express these components, but rather a thoughtful and appropriate expression of "place" and "craft."



Fitness Center Addition Jewish Community Center, York, PA

Beyond the "givens", we believe that every design decision must contribute to the final outcome being functional but inspirational. Our designs maximize natural daylight/views, user comfort at all occupancy scales, campus connections, flexibility and adaptability for community "ownership", and many areas/locations inside and outside the building for user collaboration and exploration.



West Manchester Township Municipal Complex, York, PA

Our work in community/municipal settings has always focused on engagement of residents and users, with the highest measure of success on a building design not being drawn from design award recognition, but rather if users/the community "want to spend time there." We offer:

- Maryland-based comprehensive and cohesive team – which contains highly-qualified Architects, Engineers, and Consultants, and firms that are **exactly the right size for the scope, scale and context of the City of Glenarden projects** – with a long-standing history of successful municipal collaborations – including numerous community and municipal projects within the State of Maryland.
- **Well-rounded** Architectural, Engineering, Landscape Architecture, and Consulting Team – with the **breadth of experience necessary to successfully complete a wide variety of modest scale project assignments.**
- **Focused design and documents efforts** that "gets it right" from the start to **avoid delays/costs** later during design and construction.
- **Significant Architectural, Landscape Architecture, and Engineering experience with all anticipated project types expected to be undertaken on the On-Call Contract** – Park projects, Community Centers, City Hall/Council Chambers, EV Charging Stations, and others.
- A/E Team with a high degree of expertise in the **State of Maryland compliance procedures**, local and Prince George's County building code, and the ability to respond expeditiously to the City's needs during design and construction.
- A level of excellence, innovation, and value to community and municipal building (and site) design that reaches far beyond our clients' expectations, and has documented **positive effects on building usage, and community user engagement.**
- Proven ability to successfully complete projects within **schedule**, keep **construction costs within established budgets**, and cost-effectively maximize potential.
- The genuine desire to **exceed the City of Glenarden's expectations** on each and every project assignment we may receive.

31. SIGNATURE

32. DATE

May 27, 2022

33. NAME AND TITLE

Frank E. Dittenhafer II, FAIA, LEED AP; President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
2022-01

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Murphy & Dittenhafer, Inc.			3. YEAR ESTABLISHED 1985	4. DUNS NUMBER 187102025
2b. STREET 805 North Charles Street			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Baltimore	2d. STATE MD	2e. ZIP CODE 21201	b. SMALL BUSINESS STATUS SB12-10955	
6a. POINT OF CONTACT NAME AND TITLE Frank E. Dittenhafer II, FAIA, LEED AP; President			7. NAME OF FIRM (If block 2a is a branch office)	
6b. TELEPHONE NUMBER (410) 625-4823	6c. E-MAIL ADDRESS fed@murphdittarch.com			
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	3		C06	Churches; Chapels	2
06	Architects	8		D07	Dining Halls, Clubs, Restaurants	2
08	CADD Technicians	11		E02	Educational Facilities; Classrooms	6
16	Construction Administrators	2		H08	Historic Preservation	3
37	Interior Designer	2		H11	Housing (Residential, Multi-Family Apartments; Condominiums)	3
				I05	Interior Design; Space Planning	2
				L04	Libraries; Museums; Galleries	2
				O01	Office Buildings/Industrial Parks	2
				P05	Planning (Community, Regional, Areawide and State)	2
				R04	Recreation Facilities	3
				R06	Rehabilitation (Buildings, Structures, Facilities)	2
Total		26				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUE OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)	PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
2021 2020 2019			
a. Federal Work	0	0	0
b. Non-Federal Work	7	7	7
c. Total Work	7	7	7

1. Less than \$100,000

2. \$100,000 to less than \$250,000

3. \$250,000 to less than \$500,000

4. \$500,000 to less than \$1 million

5. \$1 million to less than \$2 million

6. \$2 million to less than \$5 million

7. \$5 million to less than \$10 million

8. \$10 million to less than \$25 million

9. \$25 million to less than \$50 million

10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 5/27/2022
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c. NAME AND TITLE
Frank E. Dittenhafer II, FAIA, LEED AP; President

ARCHITECT – ENGINEER QUALIFICATIONS

1. Solicitation number:
2022-01

PART II – General Qualifications
(Complete for specific branch of firm seeking work)

2a. Firm (Name of Branch) KES Engineering, Inc.	2b. Street 6325 Woodside Court, Suite 220	2c. City Columbia	2d. State Maryland	2e. Zip Code 21046
6a. Point of Contact Name and Title Kesuith Smith, P.E, President	3. Year Established: 1998	4. DUNS Number: 074071502 FEIN:52-2108047		
6b. Telephone: 410 366 1801	7. Name of Firm (If Part II is for Branch Office): N/A	5a. Ownership (Type) Corporation		
6c. E – Mail: Kesuith@kesengineers.com		5b. Small Business Status Small Disadvantaged Business (NAICS 541330)		
8a. Former Firm Names (if any): N/A	8b. Year Established: N/A	8c. DUNS Number		


9. Employees By Discipline

10. Profile Of Firm’s Experience And Annual Revenue For the Last 5 Years

a. Function Code	b. Discipline	c. No. Of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		1.Firm				
02	Administrative	1		A11	Auditoriums & Theaters	2
08	CADD/BIM Technician	2		B01	Barracks; Dormitories	2
21	Electrical Engineer	2		C05	Child Care/Development Facilities	1
42	Mechanical Engineer	3		C06	Churches; Chapels	3
				C13	Computer Facilities; Computer Service	2
				C15	Construction Management	2
				D07	Dining Halls; Clubs; Restaurants	2
				E02	Educational Facilities; Classrooms	4
				F02	Field Houses; Gyms; Stadiums	1
				G01	Garages; Vehicle Maintenance Facilities	1
				H04	Heating; Ventilating; Air Conditioning	3
				H09	Hospital & Medical Facilities	5
				H10	Hotels; Motels	1
				H11	Housing (Residential; Multi-Family; Apartment.)	2
				L01	Laboratories; Medical Research Facilities	4
				L05	Lighting (Interior)	2
				L06	Lighting (Exteriors; Streets; Memorials)	1
				O01	Office Buildings; Industrial Parks	2
	Other Employees			P07	Plumbing & Piping Design	4
				P08	Prisons & Correctional Facilities	1
08,21,42	Contract Employee	4		S02	Security Systems; Intruder & Smoke Detection	1
				S06	Solar Energy Utilization	1
	Total	12		U03	Utilities (Gas and Steam)	1

11. Annual Average Professional Services Revenues of Firm for Last 3 years (Insert revenue index number shown at right)	PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
	1. Less than \$100,000.	6. \$2 million to less than \$5 million
	2. \$100,000 to less than \$250,000.	7. \$5 million to less than \$10 million
	3. \$250,000 to less than \$500,000.	8. \$10 million to less than \$25 million
a. Federal Work	3	4. \$500,000 to less than \$1 million
b. Non – Federal Work	4	5. \$1 million to less than \$2 million
c. Total Work	4	6. \$2 million to less than \$5 million
		7. \$5 million to less than \$10 million
		8. \$10 million to less than \$25 million
		9. \$25 million to less than \$50 million
		10. \$50 million or greater

12. Authorized Representative
The foregoing is a statement of facts

a. Signature 	b. Date May 23, 2022
c. Name and Title Kesuith Smith, President	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
2022-01

PART 11 - GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Triad Engineering, Inc.					3. YEAR ESTABLISHED 1975	4. DUNS NUMBER 010466746
2b. STREET 1075-D Sherman Avenue			5. OWNERSHIP			
2c. CITY Hagerstown			2d. STATE MD	2e. ZIP CODE 21740	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Nicholas Wolfe, PG Regional Manager			b. SMALL BUSINESS STATUS			
6b. TELEPHONE NUMBER 301.797.6400			6c. E-MAIL ADDRESS nwolfe@triadeng.com			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED		8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	20	1	A05	Airports; Nav aids; Lighting	2
08	CADD Technician	12	1	A06	Airports; Terminals & Hangars	3
12	Civil Engineer	6	4	B02	Bridges	5
15	Construction Inspector	12	2	C10	Buildings	6
24	Environmental Scientists	10	5	C12	Communication Towers	2
30	Geologist	7	3	C15	Construction Management	1
38	Land Surveyor	5	7	D02	Dams (Earth; Rock)	3
39	Landscape Architect	3	0	E09	Environmental Assessments	5
42	Mechanical Engineer	0	0	E11	Environmental Planning	5
43	Mining Engineer	0	0	F05	Forensic; Expert Witness	1
55	Soils Engineer	11	1	H07	Highways	5
58	Technician	55	20	L02	Land Surveying	6
				L03	Landscape Architecture	2
				P06	Site Planning	4
				P08	Correctional Facilities	3
				P12	Power Generation	3
				S05	Soils; Foundations	7
				S09	Structural Design	1
				T02	Testing & Inspection Services	7
				T04	Topographic Surveying & Map.	5
	Other Employees	20				
	Total	161	44			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	2	1. Less than \$ 100,000	6. \$2 million to less than \$5 million		
b. Non-Federal Work	8	2. \$ 100,00 to less than \$ 250,000	7. \$ 5 million to less than \$10 million		
c. Total Work	8	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 04/20/2022
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c. NAME AND TITLE
Nicholas Wolfe, PG, Regional Manager

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Cagley & Associates, Inc. CAGLEY & ASSOCIATES			3. YEAR ESTABLISHED 1985	4. UNIQUE ENTITY IDENTIFIER 09-410-2407
2b. STREET 6141 Executive Boulevard			5. OWNERSHIP	
2c. CITY Rockville	2d. STATE MD	2e. ZIP CODE 20852	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Debrethann R. Cagley Orsak, P.E., Principal			b. SMALL BUSINESS STATUS SBE	
6b. TELEPHONE NUMBER (301) 881-9050			6c. E-MAIL ADDRESS debby@cagley.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	C. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	3		A08	Animal Facilities	1
08	CADD Technician	1		A09	Anti-Terrorism/Force Protection	1
57	Structural Engineer	15		A11	Auditoriums & Theaters	1
				B01	Barracks; Dormitories	1
				C13	Computer Facilities	2
				D04	Design-Build - RFP Preparation	1
				D07	Dining Halls; Clubs; Restaurants	1
				E02	Educational Facilities; Classrooms	3
				F02	Field Houses; Gyms; Stadiums	1
				G01	Garages; Vehicle Maint. Facilities	4
				H06	Highrise; Air-Rights-Type Buildings	2
				H08	Historical Preservation	1
				H09	Hospitals & Medical Facilities	3
				H10	Hotels; Motels	3
				H11	Housing	3
				L01	Laboratories; Medical Research Fac.	2
				L04	Libraries; Museums; Galleries	2
				O01	Office Buildings; Industrial Parks	4
				R04	Recreation Facilities (Parks; Marinas)	1
				R06	Rehabilitation (Buildings; Structures)	3
	Other Employees			S03	Seismic Designs & Studies	2
	Total	19		S09	Structural Design; Special Structures	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

PROFESSIONAL SERVICES REVENUE INDEX NUMBER


(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	6
c. Total Work	6

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million to greater |

12. AUTHORIZED REPRESENTATIVE


The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 01/04/2022
c. NAME AND TITLE Debrethann R. Cagley Orsak, P.E., Principal	

ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER <i>(If any)</i> 2022-01		
PART II – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (OR BRANCH OFFICE) NAME Convergent Technologies Design Group, Inc.			3. YEAR ESTABLISHED 1999	4. DUNS NUMBER 62-150-4120		
2b. STREET 6501 York Road			5. OWNERSHIP			
2c. CITY Baltimore	2d. STATE MD	2e. ZIP CODE 21212	a. TYPE Corporation			
6a. POINT OF CONTACT NAME AND TITLE Paul Corraine, Principal in Charge			b. SMALL BUSINESS STATUS Small Business (NAICS 541310), SBA Profile Code P1202583			
6b. TELEPHONE NUMBER (410) 532-2395	6c. E-MAIL ADDRESS pcorraine@ctdginc.com		7. NAME OF FIRM <i>(If block 2a is a branch office)</i>			
8a. FORMER FIRM NAME(S) <i>(If any)</i>			8b. YR. ESTABLISHED	8c. DUNS NUMBER		
9. EMPLOYEES BY DISCIPLINE			10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
01	Acoustical Engineer	3		A01	Acoustics, Noise Abatement	5
02	Administrative	2		A11	Auditoriums and Theaters	5
	Audiovisual/ Multimedia Systems	3		C13	Computer Facilities	5
	Telecommunications Cabling Systems (RCDD); Security	3		D07	Dining Halls; Clubs; Restaurants	4
	Acoustics, Audiovisual Systems	2		E02	Educational Facilities; Classrooms	6
08	CADD Technician	2		H08	Historical Preservation	3
				H09	Hospital and Medical Facilities	5
				J01	Judicial and Courtroom Facilities	5
				L01	Laboratories; Medical Research Facilities	5
Total		15				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER				
		1. Less than \$100,000	6. \$2 million to less than \$5 million			
		2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million			
		3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million			
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million			
		5. \$1 million to less than \$2 million	10. \$50 million or greater			
a. Federal Work	3					
b. Non-Federal Work	6					
c. Total Work	9					
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
a. SIGNATURE 			b. DATE 5/23/2022			
c. NAME AND TITLE Paul Corraine, Principal						

ARCHITECT-ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER (If any) 2022-01
--	--

PART II - GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Costcon Construction Services, Inc. 			3. YEAR ESTABLISHED 2008	4. DUNS NUMBER 828760616
2b. STREET 1504 Wild Cranberry Drive			5. OWNERSHIP	
2c. CITY Crownsville	2d. STATE Md	2e. ZIP 21032		
6a. POINT OF CONTACT NAME AND TITLE Lloyd H. Bernstein President				
6b. TELEPHONE NUMBER 443 510 4427	6c. E-MAIL ADDRESS lloyd@costconcs.com			
8a. FORMER FIRM NAME(S)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index number (see below)
		(1) FIRM	(2) BRANCH			
18	Chief Estimator/Estimator	3		C18	C10, C13, C18, D07, E05, G01,	2
18	Cost Estimator			C18	H07, H09, H11, H05 I01, I05, I06,	2
02	Administrative	1		C15	C15 Office Manager	1
48	Project Manager/Estimator	1		C15	C15, C18, H09	2
C16	Superintendents	3		C15	C15, C18, H09	2
Total		8				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000.	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
c. Total	5	3. \$250,000 to less than \$500,000	9. \$25 million to less than \$50 million		
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE <i>Lloyd H. Bernstein</i>	b. DATE 05/19/22
c. NAME AND TITLE Lloyd H. Bernstein President	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFP City of Glenarden

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Aria Environmental, Inc. CAGE: 31WK6 TIN: 83-0353222			3. YEAR ESTABLISHED 2003	4. DUNS NUMBER 14-5463233
2b. STREET 5292 Enterprise Street, Suite B			5. OWNERSHIP	
2c. CITY Sykesville			2d. STATE MD	2e. ZIP CODE 21784
6a. POINT OF CONTACT NAME AND TITLE Brian Sciorilli, President			a. TYPE S-Corporation	
6b. TELEPHONE NUMBER 410-549-5774			6c. E-MAIL ADDRESS bsciorilli@ariaenviro.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6a. POINT OF CONTACT NAME AND TITLE Brian Sciorilli, President			b. SMALL BUSINESS STATUS WOSB/Small Women Owned (MD 04-010)	
			7. NAME OF FIRM (If block 2a is a branch office)	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
24/36	Environ Sci/Cert Industrial Hygienist	2		A10	Asbestos Abatement	2
24/36	Environ Sci/Industrial Hygienist	3		E02	Educational Facilities, Classrooms	2
				E13	Environmental Testing & Analysis	4
				H02	Hazardous Materials Handling,	2
				H03	Hazardous, Toxic, Radioactive	2
				H09	Hospitals & Medical Facilities	2
				L01	Labs; Medical Research Facilities	2
				R12	Roofing	1
				S01	Safety Engineering; Accident	2
					OSHA Studies	
				M05	Military Design Studies	2
				P08	Prisons and Correctional Facilities	1
				Other	Mold Investigation/Mitigation Plans	2
Total		5				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">a. Federal Work</td> <td style="width: 20%; text-align: center;">4</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;">4</td> </tr> <tr> <td>c. Total Work</td> <td style="text-align: center;">5</td> </tr> </table>	a. Federal Work	4	b. Non-Federal Work	4	c. Total Work	5	<table style="width: 100%;"> <tr> <td style="width: 50%;"> 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million </td> <td style="width: 50%;"> 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater </td> </tr> </table>	1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
a. Federal Work	4								
b. Non-Federal Work	4								
c. Total Work	5								
1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater								

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE <p style="text-align: center;">05/19/2022</p>
------------------	--

c. NAME AND TITLE <i>Brian Sciorilli, President</i>
--

TAB 4)

ALL SECTION IV
DOCUMENTS

FORM OF PROPOSAL

Date: May 27, 2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	RATE
Architectural Principal in Charge	\$125.00/Hr.
Architectural Project Manager	\$100.00/Hr.
Architectural QA/QC Construction Administrator	\$ 90.00/Hr.
Architectural Designer Digital Visualization Specialist	\$ 80.00/Hr.
Mechanical Project Engineer	\$125.00/Hr.
Electrical Project Engineer	\$130.00/Hr.
Electrical Engineer	\$100.00/Hr.
Principal Civil Engineer	\$128.00/Hr.
Project Civil Engineer	\$128.00/Hr.
Landscape Architect	\$110.00/Hr.
Principal Geotechnical Engineer	\$128.00/Hr.
Project Geotechnical Engineer	\$108.00/Hr.
Principal Structural Engineer	\$200.00/Hr.
Structural Project Manager/Structural Engineer	\$125.00/Hr.
Structural Design Engineer (E.I.T)	\$100.00/Hr.
Design Principal	\$150.00/Hr.
Telecom and Security Principal	\$150.00/Hr.
Senior Designer	\$125.00/Hr.
Chief Estimator	\$115.00/Hr.
Certified Industrial Hygienist/Certified Safety Professional	\$140.00/Hr.
Project Manager	\$100.00/Hr.
Industrial Hygienist	\$ 90.00/Hr.

Provide additional sheets as necessary for expenses such as travel, etc.

Frank E. Dittenhafer II, FAIA, LEED AP

Printed Name



Signature

Murphy & Dittenhafer, Inc.

Name of Company

805 North Charles Street

Address

Baltimore, Maryland 21201

City, State, Zip

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Public Safety Building Renovation & Addition
Company Name: City of Frostburg, Maryland
Address: 59 East Main Street
City, State, Zip Code: Frostburg, Maryland 21532
Contact Person: Elizabeth Stahlman
Telephone Number: (301) 689-6000 x105
Dates of Service: 2016-2021
Date of Project Completion: 2021
Local Gov't Contact for Project: N/A – same as contact person listed above
Key Organization Contact: N/A – same as contact person listed above
Type of Project: Sarah’s Hope Site Improvements
Company Name: St. Vincent de Paul of Baltimore
Address: 1114 North Mount Street
City, State, Zip Code: Baltimore, Maryland 21217
Contact Person: John Schiavone
Telephone Number: (410) 662-0500 x222
Dates of Service: 2016-2017
Date of Project Completion: 2017
Local Gov't Contact for Project: N/A – same as contact person listed above
Key Organization Contact: N/A – same as contact person listed above
Type of Project: Spring Garden Township Municipal Complex & Violet Hill Community Park
Company Name: Spring Garden Township
Address: 340 Tri Hill Road
City, State, Zip Code: York, Pennsylvania 17403
Contact Person: George Swartz, Jr.
Telephone Number: (717) 843-0851
Date of Service: 2017-2021
Date of Project Completion: 2021
Local Gov't Contact for Project: N/A – same as contact person listed above
Key Organization Contact: N/A – same as contact person listed above
Type of Project: Carroll County Office of the State’s Attorney
Company Name: The County Commissioners of Carroll County
Address: 55 North Street, #00
City, State, Zip Code: Westminster, Maryland 21157
Contact Person: Alan Culver
Telephone Number: (410) 386-2671
Date of Service: 2019-present
Date of Project Completion: 2023 (est.)

Local Gov't Contact for Project: N/A – same as contact person listed above
Key Organization Contact: N/A – same as contact person listed above
Type of Project: New Severn Intergenerational Community Center
Company Name: Arundel Community Development Services, Inc.
Address: 2666 Riva Road
City, State, Zip Code: Annapolis, Maryland 21401
Contact Person: Lisa Lindsay-Mondoro
Telephone Number: (410) 263-2542
Date of Service: 2019-present
Date of Project Completion: 2022 (est.)
Local Gov't Contact for Project: N/A – same as contact person listed above
Key Organization Contact: N/A – same as contact person listed above

Frank E. Dittenhafer II, FAIA, LEED AP _____



Print Name

Signature

EXCEPTIONS AND ADDENDA

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Proposal Document covers all items as specified.

EXCEPTIONS:

(If none, write NONE) NONE

THE VENDOR HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA.

Number/Date/Initials

N/A

Frank E. Dittenhafer II, FAIA, LEED AP



Print Name

Signature

OWNERSHIP DISCLOSURE FORM

COMPANY NAME: Murphy & Dittenhafer, Inc.

TYPE OF COMPANY (circle one):

ADDRESS: 805 North Charles Street
Baltimore, Maryland 21201

*Sole Proprietorship

*Partnership

*Corporation

*Limited Liability Corporation

FEIN#: 52-1444043

INSTRUCTIONS: Provide below the names, offices held and any ownership interest of all officers of the firm. If additional space is necessary, provide on an attached sheet.

		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)
<u>Frank E. Dittenhafer II, FAIA, LEED AP</u>	<u>President/Vice President/Secretary/Treasurer</u>	<u>100%</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

INSTRUCTIONS: Provide below the names, offices held, and ownership interest of all individuals not listed above, and any partnerships, corporations and any other owner having a 10% or greater interest in the firm named above.

If a listed owner is a corporation or partnership, provide below the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. If there are no owners with 10% or more interest in your firm, enter "None" below.

		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)
<u>Frank E. Dittenhafer II, FAIA, LEED AP</u>	<u>President/Vice President/Secretary/Treasurer</u>	<u>100%</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

CONTRACTOR'S AFFIDAVIT OF QUALIFICATION TO BID

I HEREBY AFFIRM THAT:

I, Frank E. Dittenhafer II, FAIA, LEED AP am the President

(Printed Name)

(Title)

and the duly authorized representative of the Vendor of Murphy & Dittenhafer, Inc. whose address is

(Name of corporation)

805 North Charles Street, Baltimore, Maryland 21201

and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor for which I am acting.

Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my knowledge and of its officers, directors or partners, or any of its employees directly involved in obtaining contracts with the State or any county, bi-county or multi-county agency, or subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge of, or have during the course of an official investigation or other proceeding admitted in writing or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to bribe under the provisions of Article 27 of the Annotated Code of Maryland or under the laws of any state or federal government (conduct prior to July 1, 1977 is not required to be reported).

(State "none" or, as appropriate, list any conviction, plea or admission described in paragraph 2 above, with the date, court, official or administrative body, the individuals involved and their position with the Vendor, and the sentence or disposition, if any.)

none

I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the representations set forth in this affidavit are not true and correct, the City may terminate any Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of

law or after a hearing, from entering into contracts with the State or any of its agencies or subdivisions.

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Frank E. Dittenhafer II, FAIA, LEED AP



Print Name

Signature

PROJECT/CONTRACT:

CITY OF GLENARDEN, MARYLAND

ARCHITECTURAL / ENGINEERING PROFESSIONAL SERVICES

SUBMISSION:
RFP 2022-01

Technical Proposal
[COPY]
May 27, 2022

SUBMITTED BY:

Leuterio Thomas, LLC
6710 Oxon Hill Road, Suite 300
National Harbor, MD 20745

P: 301-203-1784
F: 301-542-0149

www.leuteriothomas.com

REQUEST FOR PROPOSAL



PROJECT TITLE:

City of Glenarden, MD
Architectural/Engineering Professional
Services
RFP 2022-01

SUBMITTED TO:

Consuella Barbour
Office of the City Manager
8600 Glenarden Parkway
Glenarden, MD 20706

SUBMITTED BY:

Hedy L. Thomas, PE
President / Owner

Leuterio Thomas, LLC
6710 Oxon Hill Road, Suite 300
National Harbor, MD 20745
T: 301-203-1784
E: hedy@leuteriothomas.com

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- *Form of Proposal (Hourly Rates)*
- *References*
- *Exceptions and Addenda*
- *Ownership Disclosure Form*
- *Contractor's Affidavit of Qualification to Bid*



TAB 1

Cover Letter

Census HQ Fitness Center
Renovation
Suitland, MD

May 27, 2022

Consuella Barbour, City Manager
Office of the City Manager
8600 Glenarden Parkway
Glenarden, MD 20706

RE: City of Glenarden, MD RFP 2022-01 Architectural/Engineering Professional Services

Dear Ms. Consuella Barbour,

Leuterio Thomas (LT), the offeror for this submission, is excited to submit **architectural and engineering qualifications** for this Request for Proposal (RFP). It is LT Teams' understanding that the City of Glenarden (City) is seeking proposals from qualified and experienced architectural and engineering firms for the purpose of obtaining a qualified team for professional services. Leuterio Thomas is a woman owned minority business, **certified County Based Small Business (CBSB) and Minority Business Enterprise (MBE)**. For years, it has been LT's goal to continue to provide Prince George's County professional services, any renovations or new development projects, LT will pursue it – and the City of Glenarden is no exception. Based on what we have learned from the Pre-Proposal Meeting that took place on May 13, 2022, the potential projects that may result from this contract (council chamber renovations, site planning, etc.) are very much in line with what the LT Team does. In this proposal, you will learn that the Team consists of Leuterio Thomas (Prime) as your architect and structural engineer and Century Engineering (Subconsultant) as your MEP, Site/Civil Engineer, and Landscape Architect (additional services can be provided if needed). This team that we present to the City of Glenarden is a close and meticulous group that is currently working together on various projects. The LT Team believes that this contract would be a great start to develop a long-term relationship with the City. LT has worked with the County and Prince George's County Public Schools for many years and is currently working on the new Blueprint Schools project for PGCPs. Leuterio Thomas is **set and capable** of performing the task at hand in a timely and organized manner that is up to the standards of the City of Glenarden.

In this submission, you will find qualifications that are similar in scope and size to the potential projects mentioned in the solicitation. The qualifications provided signifies that, if awarded, **the City of Glenarden will have a team that not only has completed projects in the County, but also is familiar with permitting/DPIE, codes, and other processes involved.** Below are additional qualifications that make the LT Team a beneficial choice for this contract –

- Extensive relevant experience with renovations, modernizations, space planning, interior design, studies/analysis, condition assessments
- Both prime and subconsultant has years' experience working with Prince George's County
- Years of experience with MEP renovations and site planning
- Team has multiple on-call/indefinite delivery contract experience
- Completed small to large scale renovation projects, completed and also currently working on medium and large sized new design projects
- In depth familiarity with scheduling, phasing, cost estimating, code requirements, and permitting
- Efficient and effective coordination, management, and communication process/approach with team and clients
- Organized and planned personnel availability and workload for this project

If you have any questions concerning this proposal, please do not hesitate to call so we can clarify them for you. We look forward to this opportunity to work with the City of Glenarden on this contract.

Sincerely,



Hedy Leuterio Thomas, PE - *President / Owner*



TAB 2

Scope of Services, Project Understanding, Project Approach

National Courts
Renovations
Washington, DC

TAB 2 Scope of Services, Project Understanding, Project Approach

The LT Team understands that the City of Glenarden, MD is seeking proposals from qualified and experienced architectural and engineering firms for the purpose of obtaining a qualified A/E team for professional services.

The Leuterio Thomas Team has reviewed the solicitation and the information provided within the document. It is acknowledged that there are various tasks that may result from this contract. That includes, but are not limited to -

- ▶ Architectural design and project programming, including landscape architecture. Architects with experience in new construction, renovations, planning and interfacing new construction with existing facilities.

- ▶ Civil, site, stormwater, roads, traffic studies, bike routes.

- ▶ Mechanical, Electrical, Plumbing, Structural Engineering and Geotechnical Services.

- ▶ Feasibility studies, site studies or conditional analyses leading to preparation of site plans, facility layouts and architectural designs.

- ▶ Design, permit submittals, bid assistance, construction administration and inspection. Preparing bid packages suitable for obtaining quotes or for public bidding. Preparing cost estimates.

- ▶ Grant writing and administration.

- ▶ Owner's representative on projects.

Based on the mentioned scope of work/potential tasks, LT assures the City of Glenarden that the LT Team is capable and qualified to complete the potential tasks.

APPROACH

Leuterio Thomas will provide a full-time project manager – Graham Thomas, AIA, RIBA, LEED AB BD+C, to support the City of Glenarden during all phases during projects, tracking all

the documentation. Leuterio Thomas uses NEWFORMA's Project and Contract Management tools to track all the information produced on the project from email, correspondence, meeting minutes, drawings, specifications, from start to finish. This is a secure system that allows web access to the entire project team, from the client to the design team to the project manager. As an example, Leuterio Thomas tracked all the information for DC Water's new headquarters next to the National's Ballpark. This was a 140,000 SF design build project led by Skanska Construction. Leuterio Thomas tracked all the information from the design build team including the LEED Platinum submittal process.

- Coordinate with the Client and design team to update goals and objectives.
- Attend regular coordination meetings with the Client and consultants; review meeting minutes as required.
- Facilitate refinement of project design requirements in coordination and consultation with the Client and design team.
- Coordinate design reviews with the Client and design team.
- When requested, monitor design team contracts for compliance with schedule and budget requirements.
- Monitor the design team through all design phases (schematic design, design development, construction documents) to help assure compliance with the Client's programmatic goals and objectives.

- Update project budget at each phase of design.
- Update project schedule at each phase of design.
- Coordinate reviews with local, state and federal agencies (as necessary) and assist the architect, engineer and construction manager in securing permits and public agency approvals.
- As appropriate and approved by the Client, assist in initiating actions to expedite the permit process to meet extremely tight timeframes. Seek the Client's approval when associated extra costs are recommended.
- Recommend to the Client for approval the early purchase of long lead items as required to meet project schedule requirements.
- Assist the Client in determining construction contracting and selection method.
- Evaluate contractors' proposals and make recommendations to the Client.
- Facilitate process to obtain executed contractor contracts on behalf of the Client and assist the Client in review of warranty, bonding, insurance, and similar contract provisions.

▶ **Concept Design / Detailed Site Plan Phase**

The LT Team will work closely with the City of Glenarden to identify and establish the design goals the client wants to achieve. Leuterio Thomas will then create a concept design and provide the necessary architectural input for the detailed site plan submission. Our support team will all coordinate as necessary. The architectural team will then provide a series of renderings to supplement the elevations.

▶ **Design Development / Construction**

Once nearing approval by the City, the LT Team will assemble a set of bid documents. This phase will have a series of submissions at 50%, 90%, Issue for Permit, and Issue for Bid set. LT will of course work with the City in terms of developing a scheme that is within budget.

▶ **Bidding & Negotiation Phase**

Assuming a traditional design, bid and build process, LT will support the City of Glenarden during this phase – coordinating pre-bid meetings, responding to questions, and if necessary, issuing addenda to clarify issues to get a competitive price.

▶ **Construction Administration**

The team has extensive experience in construction administration and can provide levels of support tailored to the client's needs.

The overall project approach the Leuterio Thomas team operates with, covers the following areas –

CLIENT & SCHEDULE | It starts with the scope of work provided and the development of a detailed checklist that incorporates all the tasks and goals required from the client. LT gives its undivided attention to the client and listens to what the client requests and then LT responds with feedback and confirmation that they understand everything that's on the table. Schedule is another important aspect of the project that LT prioritizes and makes sure is met.

FUNCTION | From there, LT focuses on the functional and technical demands of the project. The team is arranged, and the programs are geared up. The concepts are sketched or planned out. Then eventually gets produced and rendered through Revit and Lumion to provide the client with realistic renderings of the design.

IMAGE | LT takes into consideration the brand and image of the client. It is always taken into account, how the client wants to be represented through the project. All projects are significant, and all projects require levels of detail to be included. LT works with the client to develop quality solutions that provide value and interest to the end users that will occupy the renovated or brand-new spaces.

SECURITY | Whether small to large office buildings, public facilities, schools or outdoor spaces, they still require a certain level of security in regard to the people and community. LT has done projects that require minimal security requirements to those that have various levels of security. For this aspect, the team makes sure that the approach to security is at the level of what the City of Glenarden requires.

STAGING & PHASING | Staging and phasing is the next approach to prepare for. These potential tasks will most likely require phasing and coordination in order to accomplish construction with minimum impact to the faculty and students. It is communicated between the design team,

contractor, and client the best way to approach this and so that design documents illustrate the construction phasing properly and efficiently.

Management

LT's management plan starts with the project mobilization phase once the contract has been awarded. It builds off this proposal and the commitments made to the client. The formal management plan is developed from the LT template and submitted to the client to ensure a common understanding of how the contract will progress. The project manager will work with the City of Glenarden to approve the management plan components and define specific additions based on task assignments.

→ The first element is the **communication plan** that determines the reporting requirements and the flow of information between the client, LT's management, and LT's consulting team. LT's communication philosophy is based on an Open Book Strategy where transparency is key to the project going well. The goal is to minimize the Need-to-Know attitude except where security issues take precedence. NEWFORMA enforces the development of the project directory listing ALL of the team members who are involved in the project from the Principal to the CAD Designer.

→ To ensure effective decision-making LT will want to ensure that the **roles and responsibilities** are clearly defined for all members working on the project, defining the expectations for each, and critically ensuring that for each role the authority is also there to get the job done. Meetings become more effective when the decision makers are present.

→ The **project schedule** determines the timeframe and the key milestones for the project help set expectations and allow resources to be made available at the right time. LT uses MS Project to schedule tasks and roll them up into a Master Project to be shared with the team. It is available to all team members on the NEWFORMA Project Center, and they are notified if the schedule is updated.

→ The **project scope** defines the base standards that the City will accept at a minimum. It will be the program manger's responsibility to work with the agency to ensure the scope contains clear objectives and deliverables and if any unique

requirements are to be imposed. It is key for the program manger to establish a scope that can be translated to tasks with milestones that is documented by an approved project schedule.

→ The overall **management of contracts** falls to the Project Manager working to ensure that before any work starts there is a signed contract in place and once the work is completed the task is closed out to the satisfaction of the City of Glenarden.

The image shows the exterior of a school building. The upper portion of the building has a grey, metallic-looking facade with a sloped roofline. Below this, there is a row of large, multi-paned windows with white frames. The base of the building is constructed of red brick. A concrete sidewalk runs along the front of the building, and there is a grassy area in the foreground. A small tree is visible near the sidewalk. The sky is bright and clear.

TAB 3

SF330 / Qualifications

PGCPS Thurgood Marshall Middle
School Renovation (Windows/Doors)
Temple Hills, MD

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. Title and Location (*City and State*)

City of Glenarden Request for Proposal Architectural/Engineering Professional Services, Glenarden, MD

2. Public Notice Date

04/25/2022

3. Solicitation or Project Number

RFP 2022-01

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. Name and Title

Hedy L. Thomas, PE, President/Owner

5. Name of Firm

Leuterio Thomas, LLC

6. Telephone Number

301-203-1784

7. Fax Number

301-542-0149

8. E-Mail Address

hedy@leuteriothomas.com

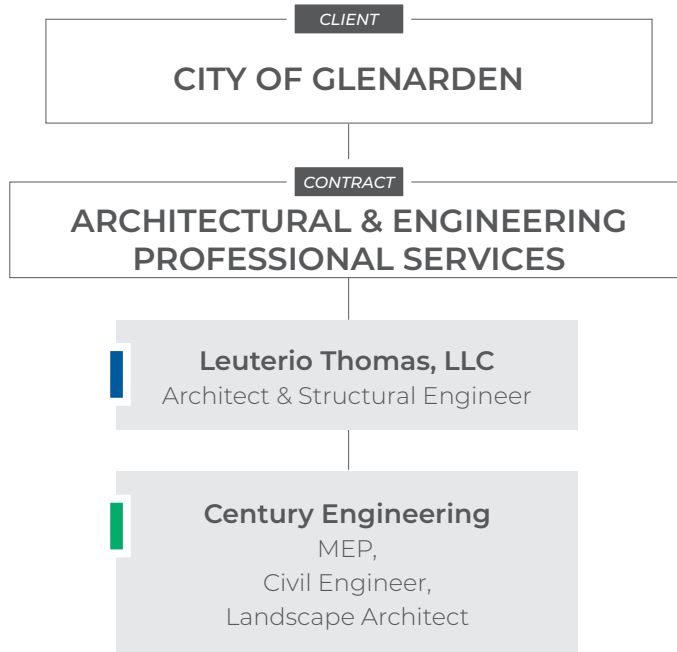
C. PROPOSED TEAM (Complete this section for the prime contractor and all key subcontractors.)

	<i>(Check)</i>			9. Firm Name <input type="checkbox"/> Check if Branch Office	10. Address	11. Role In This Contract
	Prime	J-V Partner	Subcontractor			
a.	✓			Leuterio Thomas, LLC <input type="checkbox"/> Check if Branch Office	6710 Oxon Hill Rd., Suite 300 National Harbor, MD 20745	Architect, Structural Engineer
b.			✓	Century Engineering, LLC <input checked="" type="checkbox"/> Check if Branch Office	10710 Gilroy Road Hunt Valley, MD 21031	MEP, Site/Civil Engineer, Landscape Architect
c.				Name of Firm <input type="checkbox"/> Check if Branch Office	Street, Suite City, State, Zipcode	Role
d.				Name of Firm <input type="checkbox"/> Check if Branch Office	Street, Suite City, State, Zipcode	Role
e.				Name of Firm <input type="checkbox"/> Check if Branch Office	Street, Suite City, State, Zipcode	Role
f.				Name of Firm <input type="checkbox"/> Check if Branch Office	Street, Suite City, State, Zipcode	Role

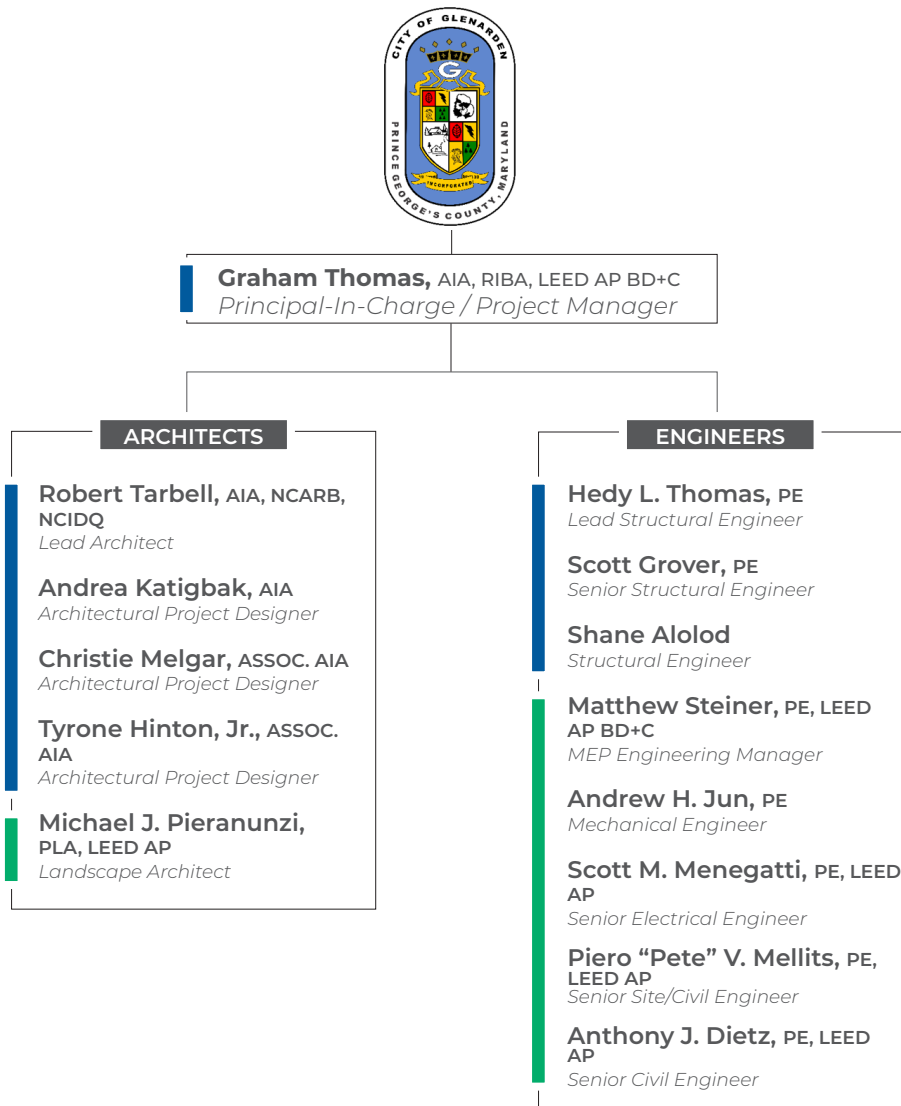
D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

[PROJECT TEAM MANAGEMENT]



[KEY PERSONNEL ORGANIZATIONAL CHART]



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Graham L. Thomas , AIA, RIBA, LEED AP BD+C		Principal-In-Charge / Project Manager		a. Total 41	b. With Current Firm 16
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Master of Science, Architecture, 1982 Bachelor of Science, Architecture, 1979			Registered Architect: DC (ARC101757), MD (8567), VA (0401015717), MA (32279), PA (RA407313)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Member of American Institute of Architects; Design Build Institute of America; United States Green Building Council; Royal Institute of British Architects; National Institute of Building Sciences; NBIMS_US Project Committee; Building Enclosure Technology & Environment Committee; building SMART Alliance Committee. Security Clearance: Homeland Security Presidential Directive 12 (HSPD-12)					
19. Relevant Projects					
(1) Title and Location (City and State)		(2) Year Completed			
USSS HQ 5th Floor Renovation , Washington, DC		Professional Services 2021		Construction (If Applicable) 2021	
a. (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Project Manager. Leuterio Thomas provided architectural services to renovate the fifth-floor office space, operational rooms, and systems infrastructure. Through optimization of usable space, the goal was to expand available personnel space by creating a collaborating environment and additional storage of operational equipment and supplies.					
(1) Title and Location (City and State)		(2) Year Completed			
GSA VA 6th Floor Renovation , Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2020	
b. (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Lead Architect. The project goal is to increase the utilization rate and accommodate the increased population. Leuterio Thomas was tasked to provide construction drawings based on the design intent drawings provided. LT's design incorporated all necessary information that created a functional space and took into consideration HVAC, Life Safety, lighting, and power. A/E Fee: \$63,831.35					
(1) Title and Location (City and State)		(2) Year Completed			
GSA B1 Storage Renovation , Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2021	
c. (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Lead Architect. Size: 5700 SF. Design-build contract that is broken down into two phases. Provide temporary storage space that will house materials during construction of the new storage spaces. Renovation includes large storage room, prep room, technician's work room, general storage room, break room, and locker room.					
(1) Title and Location (City and State)		(2) Year Completed			
Department of Veteran Affairs, 3rd Floor OIT & OPP Alterations , Washington, DC		Professional Services 2015-2016		Construction (If Applicable) 2016	
d. (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architect. Design-Build contract to renovate portions of the 3rd floor of the Department of Veterans Affairs building. Per the provided design intent drawings the OIT and OPP spaces shall be renovated. Construction Cost: \$3.5M					
(1) Title and Location (City and State)		(2) Year Completed			
New Executive Office Building (NEOB) 6th Floor Modernization Project - Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2020	
e. (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Design Architect. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Robert Tarbell , AIA, NCARB, NCIDQ		Lead Architect		a. Total 21	b. With Current Firm 3
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Bachelor of Architecture, 2000 Bachelor of Science, Building Sciences, 2000 Rensselaer Polytechnic Institute, Troy, NY			Registered Architect: DC (ARC103147), MD (19946), NY (040038-01), VA (401019023)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
American Institute of Architects, NCARB, National Organization of Minority Architects (NOMA), American Indian Council of Architects and Engineers. Robert Tarbell has many years experience in the industry and has led and managed numerous projects throughout his career. Some of his project experience ranges from office buildings, to operation control centers to government/military facilities.					
19. Relevant Projects					
(1) Title and Location (City and State)		(2) Year Completed			
GSA National Courts, Chamber Renovations , Washington, DC		Professional Services On-Going		Construction (If Applicable) On-Going	
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Project Manager/Lead Architect. Design-Build contract to replace existing ceiling with new ceiling, grid, lights, HVAC and fire retardant, and carpet in various chambers and select work areas. Provided design and construction documents.					
(1) Title and Location (City and State)		(2) Year Completed			
Beretta Campus Renovation , Accokeek, MD		Professional Services On-Going		Construction (If Applicable) On-Going	
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Lead Architect. LT has coordinated with the client regarding the goals of the project It has been identified and agreed upon that the project will be divided into phases in order to achieve the objectives set forth by the client. Currently, Phase 0 involves the demolition of interior walls, doors, and windows for a new office layout. Exterior walls are being partially demolished for new window openings. Phase 1 involves the demolition of interior walls, doors, and windows for a new gunsmithing workspace and conference center. The exterior walls are being partially demolished for new windows and storefront openings. The security building walls are also being partially demolished for the new addition.					
(1) Title and Location (City and State)		(2) Year Completed			
GSA VA 6th Floor Renovation , Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2020	
c.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Lead Architect. The project goal is to increase the utilization rate and accommodate the increased population. Leuterio Thomas was tasked to provide construction drawings based on the design intent drawings provided. LT's design incorporated all necessary information that created a functional space and took into consideration HVAC, Life Safety, lighting, and power. A/E Fee: \$63,831.35					
(1) Title and Location (City and State)		(2) Year Completed			
New Executive Office Building (NEOB) 6th Floor Modernization Project - Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2020	
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Design Architect. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Andrea Katigbak, AIA		Architectural Project Designer		a. Total	b. With Current Firm
				12	5
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Dual degree Master of Arts in Architecture and Integrated Building Design, 2016			Registered Architect: MD		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Andrea Katigbak has numerous years' experience with construction management with her previous firm. Now with Leuterio Thomas, she has taken on the role of project designs, as well as project management.					
19. Relevant Projects					
a.	(1) Title and Location (City and State)		(2) Year Completed		
	New Executive Office Building (NEOB) 6th Floor Modernization Project - Washington, DC		Professional Services 2019-2020		Construction (If Applicable) 2020
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Architectural Project Designer. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					
b.	(1) Title and Location (City and State)		(2) Year Completed		
	NAVFAC Building 410 South End Bay Renovation , Mechanicsburg, PA		Professional Services 2017-2019		Construction (If Applicable) 2019
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Architectural Project Designer. This project consists of a facility renovation of approximately 34,000 square feet of administrative office space and includes demo of existing space features and new construction of walls, ceilings, lights, paint, carpet, and necessary supporting features such as electrical/communication distribution required for a fully functional office space.					
c.	(1) Title and Location (City and State)		(2) Year Completed		
	WMATA Good Luck Road , Landover, MD		Professional Services 2016-2018		Construction (If Applicable) 2018
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Lead Architect. Provide existing building condition assessments and construction contract documents. The goal is to consolidate warehouse and office spaces from various departments. Other tasks include – site investigations and perform staff interviews. Cost: \$5M					
d.	(1) Title and Location (City and State)		(2) Year Completed		
	PGCPS – Maya Angelou French Immersion, Window and Univents Replacement and AC Upgrade , Temple Hills, MD		Professional Services On-Going		Construction (If Applicable) On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Architectural Project Designer. Developed design drawings, reports/specifications, attended site visits, surveys, client/team coordination. The scope of the project includes removing and replacing the existing windows with commercial grade aluminum single hung windows, all materials, labor, equipment, permits, and supervision to remove and replace existing windows. The scope of this project includes replacing approximately 30 original 1965 classroom unit ventilators with steam heat, 6 fan coil unites and 3 AHUs. Project Cost: \$4.5M					
e.	(1) Title and Location (City and State)		(2) Year Completed		
	PGCPS – Beltsville Academy, Univents Replacement, Controls Upgrade, & Windows Replacement , Beltsville, MD		Professional Services On-Going		Construction (If Applicable) On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					<input checked="" type="checkbox"/> Check if project performed with current firm
Role: Architectural Project Designer - Developed design drawings, reports/specifications, attended site visits, surveys, client/team coordination. The scope of the project includes replacing Seventy Six (76) of the 1961 classroom unit ventilators. A total of 270 windows including tech fab panels will be replaced as a result of this project. Project Cost: \$2M					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Christie Melgar, ASSOC. AIA		Architectural Project Designer		a. Total	b. With Current Firm
				7	5
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Masters of Architecture, 2018 Bachelor of Science in Architecture, 2014					
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
While currently preparing for her exams, Christie has shown her skills and capabilities in architecture. With each project she works on, you can see the hard work and dedication that is put into that project. WMATA RWP Trained.					
19. Relevant Projects					
a.	(1) Title and Location (City and State)	(2) Year Completed			
	PGCPS Patuxent Elementary School HVAC and Envelope Modernization , Upper Marlboro, MD	Professional Services	Construction (If Applicable)		
		On-Going	On-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Architectural Project Designer. Design-Build contract to replace HVAC units/equipment, lighting, IT/security, exterior doors, windows, and store fronts throughout the entire building. Leuterio Thomas will provide construction administration, construction documents, and post construction documentation.				
b.	(1) Title and Location (City and State)	(2) Year Completed			
	PGCPS – James Madison Middle School HVAC and Building Envelope Modernization , Upper Marlboro, MD	Professional Services	Construction (If Applicable)		
		On-Going	On-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Architectural Project Designer. Survey of existing conditions for rehabilitation of the building existing wood windows and repairs to the façade including cast stone surrounds, brick, and stucco. The scope also included relocation of a few window-installed HVAC units and interior wall repairs.				
c.	(1) Title and Location (City and State)	(2) Year Completed			
	Advisory Council on Historic Preservation , Washington, DC	Professional Services	Construction (If Applicable)		
		2014-2016	2016		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Architectural Project Designer. LT was retained by the design builder to complete the design for ACHP for their new offices. This 14,700 square foot tenant build out of the 3rd floor of the National Building Museum incorporates new modern office standard finishes in a historic context. Project Cost: \$1.2M				
d.	(1) Title and Location (City and State)	(2) Year Completed			
	WMATA Roof Rehabilitation and Replacement – Forest Glen Chilled Water Plant , Silver Spring, MD	Professional Services	Construction (If Applicable)		
		2015-2017	2017		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Architectural Project Designer. The Chilled Water Plant had a thermoset single-ply rubber type roof with 5,429sf in size and an estimated service life of 2 years. Leuterio Thomas was tasked with the complete roof replacement of the following "Non-Roadway" facilities – in this case the Forest Glen Chilled Water Plant.				
e.	(1) Title and Location (City and State)	(2) Year Completed			
	WSSC Headquarters Space Planning , Laurel, MD	Professional Services	Construction (If Applicable)		
		2016			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Architectural Project Designer. 40,000 square feet to develop floor plans in three weeks. A challenging schedule that LT accomplished for the client. A review of the 2015 IBC/ASHRAE Codes showed WSSC can increase the numbers of people on a floor from 90 to 120. Cost: \$1M				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Tyrone Hinton, Jr., ASSOC. AIA		Architectural Project Designer		a. Total	b. With Current Firm
				2	2
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Bachelor of Science in Architecture and Environmental Design, 2019					
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
As a young professional, Tyrone has started his career getting involved in project coordination, rendering, and design. He is currently working on renderings for a new metro station as well as a warehouse and office renovation. He is gaining more experience in the industry by working and communicating with clients and contractors.					
19. Relevant Projects					
a.	(1) Title and Location (City and State)	(2) Year Completed		Construction (If Applicable)	
	PGCPS Patuxent Elementary School HVAC and Envelope Modernization , Upper Marlboro, MD	Professional Services	On-Going	Construction (If Applicable)	On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architectural Project Designer. Design-Build contract to replace HVAC units/equipment, lighting, IT/security, exterior doors, windows, and store fronts throughout the entire building. Leuterio Thomas will provide construction administration, construction documents, and post construction documentation.					
b.	(1) Title and Location (City and State)	(2) Year Completed		Construction (If Applicable)	
	PGCPS – James Madison Middle School HVAC and Building Envelope Modernization , Upper Marlboro, MD	Professional Services	On-Going	Construction (If Applicable)	On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architectural Project Designer. Survey of existing conditions for rehabilitation of the building existing wood windows and repairs to the façade including cast stone surrounds, brick, and stucco. The scope also included relocation of a few window-installed HVAC units and interior wall repairs.					
c.	(1) Title and Location (City and State)	(2) Year Completed		Construction (If Applicable)	
	New Executive Office Building (NEOB) 6th Floor Modernization Project - Washington, DC	Professional Services	2019-2020	Construction (If Applicable)	2020
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architectural Project Designer. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					
d.	(1) Title and Location (City and State)	(2) Year Completed		Construction (If Applicable)	
	Prince George's County K-9 Facility , Upper Marlboro, MD	Professional Services	On-Going	Construction (If Applicable)	On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architectural Project Designer. The proposed canine training facility will be located on approximately 3.3 acres of total area including the building. The building will be a new one (1) story CMU block and steel truss structure, of approximately 10,308 sq. ft. The training facility will be divided into two main areas with offices/classrooms on one side and dog care area on the opposite side. The proposed facility will include offices, a canine training classroom, 14 kennels, fenced in dog run, dog grooming area, storage, vault, kitchenette, and a small vehicle garage.					
e.	(1) Title and Location (City and State)	(2) Year Completed		Construction (If Applicable)	
	Salvation Army Warehouse , Hyattsville, MD	Professional Services	On-Going	Construction (If Applicable)	On-Going
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Architectural Project Designer. Leuterio Thomas is providing concept designs for the new 20,000sf addition to the existing building on Kenilworth Avenue. Detailed site plans, elevations, and renderings have been developed for the client.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Hedy L. Thomas, PE		Lead Structural Engineer		a. Total 35	b. With Current Firm 22
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Bachelors in Architecture 1979 M.CE Structural Engineering, 1987			Professional Engineer: MD (25124), DC (PE9477), VA (0402034940), NY (079338-1), NJ(24GE04541600), MA (52413), CA (C 56191), KY (31400) Structural Engineering		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Ms. Thomas is an active member of the Following Organizations: Structural Engineering Institute (SEI); Washington Building Congress (WBC); International Concrete Repair Institute (ICRI); Society for Protective Coatings (SSPC); American Concrete Institute (ACI); American Institute of Steel Construction (AISC); Women Chamber of Commerce, DC Chapter. Security Clearance: Homeland Security Presidential Directive 12 (HSPD-12)					
19. Relevant Projects					
a.	(1) Title and Location (City and State)	(2) Year Completed			
	New DC Water Headquarters , Washington, DC	Professional Services 2016-2019	Construction (If Applicable) 2019		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Associate Structural Engineer. Designed the foundations for the DC Water Headquarters building. LT closely coordinated the column and pile cap locations to minimize impact on the existing underground structures and utilized concrete encased steel plate girders where required to form transfer girders to span over the existing utilities that otherwise could not have been avoided.					
b.	(1) Title and Location (City and State)	(2) Year Completed			
	IRS B2 North Space Alterations , Lanham, MD	Professional Services 2016-2017	Construction (If Applicable) 2017		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Structural Engineer. LT was tasked with this design-build project to provide space alterations to the B2 North computer room located in Building B. The space is approximately 6,000sf.					
c.	(1) Title and Location (City and State)	(2) Year Completed			
	NAVFAC Building 410 South End Bay Renovation - Mechanicsburg, PA	Professional Services 2017-2019	Construction (If Applicable) 2019		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Lead Structural Engineer. Design-Build contract of a facility renovation of approximately 34,000 square feet of administrative office space and includes demo of existing space features and new construction of walls, ceilings, lights, paint, carpet, and necessary supporting features such as electrical/communication distribution required for a fully functional office space. A/E Fee: \$160,000.00					
d.	(1) Title and Location (City and State)	(2) Year Completed			
	Advisory Council on Historic Preservation Space Alterations in the National Building Museum , Washington, DC	Professional Services 2013-2014	Construction (If Applicable) 2014		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Lead Structural Engineer. LT was retained by the design builder to complete the design for ACHP for their new offices. This 14,700 square feet tenant build out of the 3rd floor of the National Building Museum incorporates new modern office standard finishes in a historic context. Project Cost: \$1.2M					
e.	(1) Title and Location (City and State)	(2) Year Completed			
	Silver Spring Metro Center Parking Garage Repair , Silver Spring, MD	Professional Services 2019-2020	Construction (If Applicable) 2020		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Role: Lead Structural Engineer. Concrete repair of 3 level garage which involves full depth and partial depth slab concrete repair using hydrodemolition and providing cathodic protection. Repair also includes remove and replacement of highly deteriorated trench drains and storm water pipes.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Scott Grover, PE		Senior Structural Engineer		a. Total	b. With Current Firm
				7	7
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Bachelor of Science in Civil Engineering, Concentration in Structural Engineering, 2014			Professional Engineer (Structural); MD (54478)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Scott Grover, encompasses a strong mindset and great focus on his craft. He has managed numerous projects ranging from medical/lab facilities, transportation, and K-12. As a Senior Structural Engineer, he has led the Federal of Bureau of Prisons projects for the past five years. On the design side, he has worked small renovations and assessments, to complete new structural design of an office building and medical facility. Homeland Security Presidential Directive 12 (HSPD-12); WMATA RWP Training					
19. Relevant Projects					
a.	(1) Title and Location (City and State)	(2) Year Completed			
	New DC Water Headquarters , Washington, DC	Professional Services	Construction (If Applicable)		
		2016-2019	2019		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Senior Structural Engineer. LT was responsible for the design of the foundation system to support a seven-story steel structure. The design entails a complex coordination with the Geotechnical and Civil engineers with locating the proposed 72 inches drilled piers with the existing utility pipes and large conduits that serves the existing Pumping station, that remained in place. Cost: \$53M				
b.	(1) Title and Location (City and State)	(2) Year Completed			
	NOAA Satellite Operations Facility Existing Retaining Wall Strengthening , Suitland, MD	Professional Services	Construction (If Applicable)		
		2015-2016	2016		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Structural Engineer. Over 25 feet tall and 150 feet long retaining wall has shown distress and were identified with several stress cracks. LT had provided analysis and design to alleviate hydrostatic pressure behind the retaining wall and developed concrete repair methods with consideration on constructability as the retaining wall is situated at the Generator yard. Tight coordination with NSOF's facility managers was critical in managing the construction effort as well.				
c.	(1) Title and Location (City and State)	(2) Year Completed			
	University of Maryland Capital Region Medical Center - Tunnel , Largo, MD	Professional Services	Construction (If Applicable)		
		2016-2019	2019		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Senior Structural Engineer. The tunnel extends from the main hospital building to the parking garage. The tunnel is nearly 300 feet long with a 90 degree turn in the center of the length. The tunnel is under a vary depth of soil with a designed vehicular loading above. The tunnel structure is composed of cast-in-place reinforced concrete with expansion joints abutting the tunnel at each end.				
d.	(1) Title and Location (City and State)	(2) Year Completed			
	Emergent Roof Structural Analysis , Baltimore, MD	Professional Services	Construction (If Applicable)		
		2019	N/A		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Structural Engineer. The existing six hundred (600) pound SARSAT antenna on the north truss of the roof at the NSOF is being replaced with an 1800 pound antenna. Leuterio Thomas performed the necessary load calculations to determine if the current roof structure is capable of safely supporting the new load.				
e.	(1) Title and Location (City and State)	(2) Year Completed			
	University of Maryland Capital Region Medical Center – Central Utility Plant , Largo, MD	Professional Services	Construction (If Applicable)		
		2016-2019	2019		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm
	Role: Senior Structural Engineer. Leuterio Thomas designed the Central Utility Plant (CUP) portion of the medical center project. The central utility plant is surrounded by over 700 linear feet of retaining walls with 15 to 25 feet of retained soil.				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Shane Alolod		Structural Engineer		a. Total 4	b. With Current Firm 2
15. Firm Name and Location (City and State)					
Leuterio Thomas, LLC National Harbor, MD					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
Master of Science in Civil Engineering, Structural Concentration, 2020 Bachelor of Science in Civil Engineering, 2014					
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Shane has worked on a range of projects with Leuterio Thomas. She has worked on new structural design for a residential home and provided support on a new addition for a laboratory. She is knowledgeable in building design fundamentals, codes, and standards. Shane has extensive experience with various design software such as RISA 3D, RISA Floor, RISA Foundation, RISA, Connection, ETABS, and SAP2000.					
19. Relevant Projects					
a.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	Beretta HQ Renovation , Accokeek, MD		Professional Services On-Going		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Role: Structural Engineer. LT has coordinated with the client regarding the goals of the project It has been identified and agreed upon that the project will be divided into phases in order to achieve the objectives set forth by the client. The initial phases consist of a series of architectural, structural, and MEP surveys and concept development.					
b.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	WSSC Lab Expansion , Silver Spring, MD		Professional Services 2020-2021		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Role: Structural Engineer. WSSC's Consolidated Laboratory Facility (CLF) is an EPA-certified laboratory, located in Silver Spring, MD. Leuterio Thomas is the Lead Structural Engineer for the new 12,000sf project. The new addition will be designed to match the existing steel structure with braced frames.					
c.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	University of Maryland Capital Region Medical Center - Ambulatory Care Center (ACC) , Largo, MD		Professional Services On-Going		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Role: Structural Engineer. Size: 5700 SF. Design-build contract that is broken down into two phases. Provide temporary storage space that will house materials during construction of the new storage spaces. Renovation includes large storage room, prep room, technician's work room, general storage room, break room, and locker room.					
d.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	WMATA Debris Collection Ledge at Gallery Place-Chinatown Station , Washington, DC		Professional Services On-Going		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Role: CAD/BIM. Conducted investigations and surveys to document the current conditions of the space. Provided design concepts that were presented to the client. For the final design development, specifications, estimates, and plans were provided.					
e.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	New Prince George's County P3 Blueprint Schools , Various Locations		Professional Services On-Going		
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Role: Structural Engineer. Developed design drawings, involved in design development, client/team coordination. One middle school and elementary school designs intended to be used across the school district sites. The structural approach to these facilities are to provide a cost-effective system that complies with all relevant building codes, including the PGCCPS Design Guidelines.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Matthew Steiner, PE, LEED AP BD+C		MEP Engineering Manager		a. Total	b. With Current Firm
				12	7
15. Firm Name and Location (City and State)					
Century Engineering, LLC - Hunt Valley, Maryland					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
1998, BA, Psychology, McDaniel College 2001, AAS, Mechanical Technology, Onondaga Community College			2014, PE, MD, No. 45534 2009, LEED® Accredited Professional (LEED AP® BD+C)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
<p>Mr. Steiner's varied, and comprehensive project experience includes electrical design for both small and large projects with both simple and complex electrical design aspects. Matt's broad technical experience includes medium voltage power distribution design, computer room generator/UPS selection, photometric calculations using AGI software, fault coordination and arc flash studies, SCIF design, construction cost estimating and electrical system commissioning. Mr. Steiner has a full understanding of the time constraints associated with the design process and takes effective measures to complete each project within the defined schedule. In addition to his project management duties, he has been proactive in developing CAD standards and Quality Control standards. Matt has also presented educational seminars regarding lighting and energy codes.</p>					
19. Relevant Projects					
(1) Title and Location (City and State)		(2) Year Completed			
City of Frederick Department of Public Works, Generator and Switchboard Installation, Frederick, MD		Professional Services 2017		Construction (If Applicable) 2018	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>a. Project Manager · Integration a new natural-gas fired outdoor generator, automatic transfer switch, and replacement 2000A switchboard into an existing, operational, multi-building facility. The switchboard and ATS were housed in a custom, UL-rated outdoor enclosure. A key facet of the project involved designing the equipment to limit downtime during the outage. The scope also involved a fault, coordination, and arc flash analysis of the entire DPW electrical system. The data for this study was obtained by subcontracting with an electrical contractor to remove panel covers. Oversaw all aspects of the design, including management of a Civil/Structural subconsultant and the electrical contractor subconsultant. A cost estimate was provided at each stage of the design. \$86,800 Fee</p>					
(1) Title and Location (City and State)		(2) Year Completed			
Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Fairfax, VA		Professional Services 2014		Construction (If Applicable) 2014-2015	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>b. Supervisor · Responsible for the engineering services to implement various modifications and improvements to this 35,000 SF building situated on five acres. Space within the community center includes a Healthcare addition, a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included HVAC, plumbing, power and lighting systems; load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting along with solar PV electrical design. \$30,861 Fee</p>					
(1) Title and Location (City and State)		(2) Year Completed			
Howard County Detention Center Medical Clinic Feasibility Study, Howard County, MD		Professional Services 2018		Construction (If Applicable) 2020	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>c. Supervisor · Supervised and prepared a concept design for the expansion of the existing Medical Unit within the detention center. The study developed concepts to provide all required Medical Unit spaces in a single area. Concepts studied expansion into existing occupied adjacent spaces or the construction additional building. The study included recommendations for relocating those spaces displaced by the expansion. Services included overall support of design, administrative, financial, and schedule components. \$5,800 Fee</p>					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Andrew H. Jun, PE		Mechanical Engineer		a. Total	b. With Current Firm
				7	6
15. Firm Name and Location (City and State)					
Century Engineering, LLC - Hunt Valley, Maryland					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
2013, BS, Mechanical Engineering, University of Maryland			2018, PE, MD, No. 43951		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
As a Mechanical Engineer, Mr. Jun prepares mechanical design, contract drawings, and specifications as well as provides construction services, project management, supervision, and client coordination. Mr. Jun's technical experience includes water source heat pumps, geothermal heat pumps, chiller/boiler plants, DX packaged equipment, rooftop units, split systems, central water heating systems, domestic booster pumps, and fire pumps.					
19. Relevant Projects					
(1) Title and Location (City and State)		(2) Year Completed		Construction (If Applicable)	
Columbia Association, Supreme Sports Club Center Condition Assessment , Howard County, MD		Professional Services 2018		N/A	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. Mechanical Engineer · Mechanical evaluation of the building's MEP systems serving the 80,000 SF two-story structure. Performed a non-invasive, visual, site survey to document the existing conditions, referencing existing MEP drawings of the building. A description of the major MEP system components, rooftop equipment, air handling units, water heaters, electrical service and distribution gear, and control systems including make, model, capacity and general age was provided. \$9,900 Fee					
(1) Title and Location (City and State)		(2) Year Completed		Construction (If Applicable)	
Hawthorne Center Restroom Alterations , Howard County, MD		Professional Services 2018		2018	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Mechanical Engineer · MEP engineering services for a limited renovation of the main Mens and Womens restrooms near the reception area of the facility. Performed a non-invasive, visual, site survey to document exiting conditions, performed load calculations for HVAC requirements, designed MEP systems to serve area, assisted in the preparation of contract and permit documents. Scope items included new air devices, sprinkler heads, receptacles/covers and light switches, new lumming fixtures, lighting utilizing existing fixtures, ADA-compliant switches, new heaters, and associated power circuitis. \$4,500 Fee					
(1) Title and Location (City and State)		(2) Year Completed		Construction (If Applicable)	
Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center , Chantilly, VA		Professional Services 2014		2014-2015	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Mechanical Engineer · Engineering HVAC and plumbing design of the 29,000 SF building situated on five acres. Space within the community center includes a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting. \$30,861 Fee					
(1) Title and Location (City and State)		(2) Year Completed		Construction (If Applicable)	
Anne Arundel County, Prince Frederick Volunteer Fire Station , Anne Arundel County, MC		Professional Services 2017-2019		2019-2020	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Mechanical Engineer · Demolition of the 1960 Fire Department Structure and new construction of a two-story building including apparatus bays, gear room, storage, bunk rooms, offices, training rooms, restrooms, lounge, and residential/catering kitchen areas. Provided Facility Investigations and Value Engineering Alternatives. \$6M Construction Cost					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name Scott M. Menegatti, PE, LEED AP	13. Role In This Contract Senior Electrical Engineer	14. Years' Experience	
		a. Total 27	b. With Current Firm 20
15. Firm Name and Location (City and State) Century Engineering, LLC - Hunt Valley, Maryland			
16. Education (Degree and Specialization) 1992, BS, Electrical Engineering Virginia Polytechnic Institute and State University		17. Current Professional Registration (State and Discipline) 2006, PE, MD No. 33735 2006, PE, PA No. PE073646 2004, LEED® Accredited Professional (LEED AP®)	

18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)

Mr. Scott Menegatti, a Senior Electrical Engineer, provides collaborative design solutions for a variety of facilities. Mr. Menegatti applies his knowledge of low and medium voltage power distributions systems related to indoor and outdoor lighting, fire alarm and security systems, and federal SCIF spaces. Mr. Menegatti has worked in conjunction with multiple disciplines to produce a cohesive design, striving to meet the needs of the Owner and related stakeholders. Mr. Menegatti's facility experience includes lifecare and multifamily housing, federal and local government buildings, and corporate office design and renovations.

19. Relevant Projects

a.	(1) Title and Location (City and State) Anne Arundel County, Millersville Landfill and Resource Recovery Facility (MLFRRF) Maintenance Building Renovation, Anne Arundel County, MD	(2) Year Completed Professional Services 2021	Construction (If Applicable) On-Going
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Senior Electrical Engineer · Providing an evaluation for the feasibility of renovating the maintenance building to be used by the County for heavy equipment and vehicle maintenance. Assessed the electrical systems to provide recommendations on deficiencies and provide recommendations to bring to code. Evaluating floor plan revisions, HVAC system upgrades or replacement, current conditions and recommendations for equipment, existing lighting for building uses (internal and external), and recommendations for motion sensors for energy efficiency. \$9,600 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	(1) Title and Location (City and State) Anne Arundel County, Infrastructure Study of Facilities, Anne Arundel County, MD	(2) Year Completed Professional Services 2018	Construction (If Applicable) N/A
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Senior Electrical Engineer · Performed a building equipment assessment study of Anne Arundel County facilities to review the mechanical system, lighting, electrical service gear, fire alarm, site lighting and emergency power. The buildings included fire stations, police stations, courthouses, office buildings, library offices, the health department, maintenance facilities and animal control. We observed the existing equipment and provided an evaluation on the condition of the equipment and the anticipated life expectancy for the county to prioritize equipment replacements in the future as well as look for any code violations related to equipment. The study also indicated any acquired information about the existing equipment from in house maintenance staff. \$42,300 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	(1) Title and Location (City and State) Anne Arundel County, Security Vestibule Upgrades, Riva Road and Arundel Center Office Buildings, Anne Arundel County, MD	(2) Year Completed Professional Services 2017	Construction (If Applicable) 2018
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Senior Electrical Engineer · Provided engineering services for two building vestibule upgrades: 1) Arundel Center, involves an expansion of the lobby into the existing outdoor patio area. Coordinating power to the new equipment, providing new lighting and connecting new HVAC equipment; 2) Riva Road Site includes the expansion and modification of the four different buildings on the site. The expansions accommodate new security equipment and a security desk including power and lighting coordination and design. \$27,900 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Piero "Pete" Mellits, PE, LEED AP		Senior Site/Civil Engineer		a. Total	b. With Current Firm
				34	2
15. Firm Name and Location (City and State)					
Century Engineering, LLC - Hunt Valley, Maryland					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
1986, BS, Civil Engineering Technology, Old Dominion University			1996, PE, MD, No. 21875 1994, PE, VA, No. 0402025104 2018, PE, DC, No. 920454 2018, PE, PA, No. PE086864 2009, LEED® Accredited Professional (LEED AP®)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Mr. Mellits, Site and Civil Engineering Manager, oversees operations, including project delivery and business development. He is adept with land development and redevelopment; land planning; water; sanitary sewer; dry utilities; permit processing; stormwater management; storm drain; low impact development; environmentally sensitive design; paving design; sediment control; roadway improvement design and surveying; bonding procedures; and permit releases.					
19. Relevant Projects					
(1) Title and Location (City and State)		(2) Year Completed			
City of Laurel Oncall , Prince George's County, MD		Professional Services 2015-2017		Construction (If Applicable) N/A	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input type="checkbox"/> Check if project performed with current firm	
a. Senior Site/Civil Engineer · Oncall contract that covered any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, performed at least nine projects, with tasks ranging from pavement non-destructive evaluations, inspections, and environmental assessments to plan reviews, sidewalk and roadway improvements, drainage and trail system repairs, surveying and more. Deliverables have included reports, recommendations, design plans, and construction documents and construction oversight. \$216,000 Collective Contract Fees					
(1) Title and Location (City and State)		(2) Year Completed			
City of Laurel Citywide Traffic Study , Laurel, MD		Professional Services 2021		Construction (If Applicable) On-Going	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Senior Site/Civil Engineer · Currently performing a study to determine the need for additional traffic control devices, or engineering design controls, address excessive speeding issues, and provide traffic calming recommendations. Study includes Speed data collection and analysis; Volume data collection and analysis; analysis of the most recent 3-years of crash data; and field observations. Traffic calming measures identified for implementation will be guided by the results of the speed study, roadway geometry, and field observations of all road users (vehicles, pedestrians, bicyclists, and micro mobility devices), City of Laurel Complete Streets Guidelines, and other applicable MDOT SHA best practices applications. \$190,000 Fee					
(1) Title and Location (City and State)		(2) Year Completed			
Herald Harbor Fire Station , Anne Arundel County, MD		Professional Services On-Going		Construction (If Applicable) On-Going	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Senior Site/Civil Engineer · for the new construction of a 4-bay drive-thru high performance fire station. The anticipated LEED® Silver station will also house amenities including sleeping quarters, lockers, kitchen, communication, and other support spaces. Design services included collaboratively working with the architect to analyze three (3) alternative schemes. Site work also included parking, stormwater management, landscaping, wet and dry utilities, and well as the relocation of exterior lighting fixtures, and the extension of gas services from site to building. \$123,450 Fee					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name		13. Role In This Contract		14. Years' Experience	
Anthony J. Dietz, PE, LEED AP		Senior Civil Engineer		a. Total 35	b. With Current Firm 12
15. Firm Name and Location (City and State)					
Century Engineering, LLC - Hunt Valley, Maryland					
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)		
1983, BS, Geography, University of Maryland Baltimore County			2006, PE, Maryland, No. 32574 2005, Maryland Erosion & Sediment Control Certification (ESC) #28189 2008, LEED® Accredited Professional (LEED AP®)		
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)					
Mr. Dietz has served in various capacities during his professional career. He has progressed from seniordesigner, project engineer to project management. He has experience in the design and preparation of roadand highway plans, water lines, sanitary sewer systems, storm drainage systems, erosion and sediment control,site grading (both mass and final), earthwork quantities, state highway improvement plans, temporary trafficcontrol and detour plans, stormwater management (both quantity and water quality), floodplain studies, (local,state and federal), stormwater management as-builts inspections and certifications. He has been responsiblefor the processing of plans through various county, municipal and state and federal agencies to obtain approval.					
19. Relevant Projects					
a.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	Montgomery County Public Safety Training Academy Demolition , Montgomery County, MD		Professional Services 2017	Construction (If Applicable) 2017	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Senior Civil Engineer · Demolition of all buildings on the project site, grading and site preparation for future development. Responsible for liaison with Montgomery County regulatory staff, and the Berg Corporation; oversight and QA/QC of design effort for grading and erosion and sediment control. \$59,000 Fee					
b.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	Aberdeen Proving Ground (APG) Building E4010 Canopy/Pavilion , Aberdeen, MD		Professional Services 2017	Construction (If Applicable) 2018	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Senior Civil Engineer · Design for a new 30' x 30' prefabricate metal canopy/pavilion on a 36' x 36' concrete pad and included provisions for ADA access, canopy/pavilion lighting, a single electrical outlet and fourteen traffic bollards. In support of the overall design, supplied a topographic survey, grading plan, and design of the concrete pad adjacent to the existing parking lot. \$17,400 Construction Cost					
c.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	Aberdeen Proving Ground (APG), 3326 Building ADA Access, MWR Recreational Center , Aberdeen, MD		Professional Services 2019	Construction (If Applicable) N/A	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Senior Civil Engineer · Design of a new ADA accessible ramp/route leading from the facility parking lot to the MWR recreational facility, paralleling the existing stairway at Building 3226. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. This assignment was a task within a larger IDQ contract with a goal of enhancing pedestrian movement while containing perimeter security features. \$31,600 Fee					
d.	(1) Title and Location (City and State)		(2) Year Completed		<input checked="" type="checkbox"/> Check if project performed with current firm
	Maryland Zoo in Baltimore Parking Improvements and Expansion , Baltimore, MD		Professional Services On-Going	Construction (If Applicable) On-Going	
(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
Senior Civil Engineer · Design of a creative and environmentally sensitive parking lot expansion, including inspecting and updating pathways, ADA access/accessibility, circulation, signage plans, feature and segmental retaining walls, street and site lighting, public water main plans, tree inventory plans, SWM facilities, zoning and permitting, landscaping, creation of a contractor's bid package assistance, and assisting with the analysis of the construction quotes with final recommendations. \$47,200 Fee					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete on Section E for each key person.)

12. Name Michael J. Pieranunzi, PLA, LEED AP	13. Role In This Contract Landscape Architect	14. Years' Experience	
		a. Total 32	b. With Current Firm 13

15. Firm Name and Location (City and State)
Century Engineering, LLC - Hunt Valley, Maryland

16. Education (Degree and Specialization) 1987, BS, Landscape Architecture, West Virginia University	17. Current Professional Registration (State and Discipline) 1991, Landscape Architect, MD, No. 1008 2009, LEED® Accredited Professional (LEED AP®)
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18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)
Mr. Pieranunzi, a registered Landscape Architect, partners with architects, engineers, and owners to assist in implementing plans from conceptual design through construction. Mr. Pieranunzi has an extensive background in site planning and land development resulting in creative and environmentally-sensitive design solutions. After spending nearly three decades working on a variety of projects, he has gained exceptional skills in managing conceptual designs, design development, construction drawings, and site inspections. Mr. Pieranunzi has proven his ability to manage budgets, clients, agency officials, and staff on multiple occasions.

19. Relevant Projects			
a.	(1) Title and Location (City and State) Bell Branch Park , Anne Arundel County, MD	(2) Year Completed Professional Services 2020	Construction (If Applicable) N/A
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Project Manager · This project involved the design and presentation of parking options to be located on the existing Bell Branch dog park site. The parking lot was designed to maximize parking for tournaments held on the adjacent multipurpose fields and included ADA parking spaces. The lot met all stormwater management and landscape planting requirements. \$16,700 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	(1) Title and Location (City and State) Harford County Agricultural Center , Harford County, MD	(2) Year Completed Professional Services 2016-2017	Construction (If Applicable) 2018
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Landscape Architect · The reconstruction of the historic Joesting-Gorsuch House, renovation of a commercial furniture sales/warehouse to office space for government agencies and associated amenities. Oversaw the preparation of a landscape plan for the proposed site improvements. The design included shade to the proposed parking lots, accentuated the entrance and screens the unsightly views. \$129,000 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	(1) Title and Location (City and State) Sheridan Circle Concept Landscape/Hardscape Plan , Washington, DC	(2) Year Completed Professional Services 2017	Construction (If Applicable) N/A
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Landscape Architect · Analyzed and designed landscape and hardscape improvements to the Sheridan Circle. Designed a concept landscape improvement plan for the vehicular sight lines and pedestrian experience. The pedestrian experience required safe crossing, handicap access and passive park experience. Analyzed the sight lines from the north and south and verified view access to the raised statue. Coordinated with Century's traffic engineers on road improvements and enhanced crosswalks to the circle. Experienced the site and its daily functions. The underutilized pedestrian area lacked a sense of setting, orientation to the statue and buffer from the vehicular traffic. \$6,000 Fee		<input checked="" type="checkbox"/> Check if project performed with current firm
d.	(1) Title and Location (City and State) Metropolitan Branch Trail, Fort Totten , Washington, DC	(2) Year Completed Professional Services 2017	Construction (If Applicable) 2018
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Landscape Architect · responsible the overall design and construction drawing preparation for the Landscape plans associated with the DDOT Metropolitan Branch Trail. The Fort Totten area trail improvements located from John McCormick Drive to 1st place streets consisting of 4,000 linear feet of improvements. The landscaping plan required multiple design implementations. \$792,900 Construction Cost		<input checked="" type="checkbox"/> Check if project performed with current firm

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

01

21. Title and Location (City and State) National Courts Abatement & Renovation of Chambers, Washington, DC	22. Year Completed	
	Professional Services 2020-2021	Construction (if applicable) 2021

23. Project Owner's Information		
a. Project Owner General Services Administration	b. Point of Contact Name Jorge Noda (mail@romanaprosperty.com - Prime/GC)	c. Point of Contact Telephone Number Cell: 240-286-2494 / Office: 301-891-9622

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)		
▶ PROJECT TYPE Renovation	▶ DELIVERY METHOD Design-Build	▶ SCOPE The National Courts Building is located at 717 Madison Place, Northwest, in Washington, D.C. The original facility was constructed in 1963 and first occupied in 1965. The 224,751 square foot structure serves the United States Court of Federal Claims and the United States Court of Appeals for the Federal Circuit. Although not individually designated historic, the building is considered a resource in the Lafayette Park Historic District. The project goal is to replace the existing ceiling with a new ceiling, grid, lights, HVAC and Fire retardant in numerous Chambers and Work Areas, while the space is fully operational and usable during working hours. There is no intention to change the use of space nor occupancy. Project objectives are also to reconfigure HVAC distribution to mitigate air volume noise and abate all fire retardant above the ceiling and provide new fire retardant. The work for this project is intended to be performed in multiple phases – one chamber at a time. The following points were provided by the design team. Architecture: <ul style="list-style-type: none"> • Install new 2'x2' drop in ceiling tile system (National Court—Building Standard) • Paint Standards • Approved finishes by GSA and Client • Removed and replaced thermolite windows as needed for abatement work. • Float the Mail Area Work Room with single layer of wall board • Float all textured masonry walls in Chambers 711 with a single layer of wall board • Construct a Law Clerk's office in Chambers 711 • Replace carpet in Chambers only: • Remove and infill abandoned doors in Chambers 711 Mechanical: <ul style="list-style-type: none"> • Install new adjustable type lay in air diffusers (National Court—Building Standard). • Replace plenum return air diffuser with a 2x2 type (National Court- Building Standard) • Ductwork insulation repaired in a manner that will prevent condensation from occurring • Reconfigure HVAC distribution in Chambers 708 to mitigate air volume noise Electrical: <ul style="list-style-type: none"> • Install new 2' x 2' LED lighting (National Court—Building Standard) • Replacement lights, grid and tile • All outlets and switches shall be replaced with new, including new plates. • Add light switch for independent light control of Law Clerk's Office in Chambers 716 Fire/Life Safety: <ul style="list-style-type: none"> • Install new UL listed 2 HR fire rated sprayed on system • New retardant will be traced with green and not impact fire rating • Calculate need and adjust sprinkler head coverage as needed
▶ SIZE Varies	▶ COST \$500,000.00	



25. Firms From Section C Involved With This Project			
a.	(1) Firm Name Leuterio Thomas, LLC	(2) Firm Location (City and State) National Harbor, MD	(3) Role Architect / Structural Engineer (Design Lead)
b.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

02

21. Title and Location (City and State) New Executive Office Building 6th Floor Short Wing Modernization, Washington, DC	22. Year Completed	
	Professional Services 2019-2020	Construction (if applicable) 2020

23. Project Owner's Information		
a. Project Owner General Services Administration	b. Point of Contact Name Sean Gaghan (Prime/GC)	c. Point of Contact Telephone Number 703-982-5856

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)		
▶ PROJECT TYPE Renovation	▶ DELIVERY METHOD Design-Build	▶ SCOPE LT was tasked to design and renovate the 6th floor based on the tenants specific needs and potential space requirements. There is also a Historic Preservation Requirement that the team had to work with. The space will require containment for the abatement, under this contract, of all asbestos containing materials will be removed the GSA Guidelines attached, shall be followed. The demolition shall include all partitions, including the non-load bearing corridor masonry walls, ceiling, light fixtures, electrical make safe, existing fire alarm, the existing IT above ceiling, existing registers and grills, flex duct, cut and cap plumbing and floor finishes. New Construction shall include, but not be limited to, spray back deck fireproofing, new walls both glass and drywall, new 2X2 suspended ceilings, new LED lighting and power, new flex duct, new registers, grills and associated ductwork, new fire alarm devices and emergency requirements, new IT to work stations, relocation of sprinkler heads per fire alarm code, testing of all systems, painting of all walls, door frames and doors as applicable, a double glass door entry, a kitchenette and new floor finishes throughout.
▶ SIZE 16,000 SF	▶ COST \$3 M	



The space required a containment for the abatement, which under this contract - all asbestos containing materials was removed per GSA Guidelines. The demolition included all partitions, including the non-load bearing corridor masonry walls, ceiling, light fixtures, electrical make safe, existing fire alarm, the existing IT above ceiling, existing registers and grills, flex duct, cut and cap plumbing and floor finishes. New Construction included - spray back deck fireproofing, new walls both glass and drywall, new 2X2 suspended ceilings, new LED lighting and power, new flex duct, new registers, grills and associated ductwork, new fire alarm devices and emergency requirements, new IT work stations, relocation of sprinkler heads per fire alarm code, testing of all systems, painting of all walls, door frames and doors as applicable, a double glass door entry, a kitchenette and new floor finishes throughout. Mechanical, electrical, environmental, fire protection, and security requirements were also met in this project.

25. Firms From Section C Involved With This Project

a.	(1) Firm Name Leuterio Thomas, LLC	(2) Firm Location (City and State) National Harbor, MD	(3) Role Architect / Structural Engineer (Design Lead)
b.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role
c.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

03

21. Title and Location (City and State) GSA VA 6th Floor Renovation , Washington, DC	22. Year Completed	
	Professional Services 2019-2020	Construction (if applicable) 2020

23. Project Owner's Information		
a. Project Owner General Services Administration	b. Point of Contact Name Donald Smith (Prime/GC)	c. Point of Contact Telephone Number (202) 558-9093 / don@hlcg.biz

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)		
▶ PROJECT TYPE Renovation	▶ DELIVERY METHOD Design-Build	▶ SCOPE The Department of Veteran Affairs has gone through the process of relocating various offices from a GSA leased space to the 6th floor of the VA central office at 810 Vermont Ave. NW, Washington, DC. The project goal is to increase the utilization rate and accommodate the increased population. Leuterio Thomas was tasked to provide construction drawings based on the design intent drawings provided. LT's design incorporated all necessary information that created a functional space and took into consideration HVAC, Life Safety, lighting, and power. Final construction documents were prepared to convey the requirements for a successful execution of the construction work. The project was completed in accordance to the following schedule – Design-Build Development Documents, 75% Drawings and Specifications, 100% Draft of Construction Documents, Final Construction Documents, As-Built Construction Documents, and Construction Phasing. The renovation took place in three phases and based on the tenant's moves to swing space. Once substantial completion was done for each phase, staff was then relocated back to the 6th floor. Build out of the space was coordinated with the furniture delivery schedule and the IT work that needed to be done.
▶ SIZE 9000 SF	▶ COST \$1 M	



Survey and review of the power and lighting requirements and survey of existing electrical panel and circuits were conducted. Existing mechanical systems were also surveyed and load calculations were prepared based on the new occupancy rate. Final floor plan, reflected ceiling plan, fire and safety plan, and other drawings were made sure to indicate fire life safety devices, lighting, and diffuser layouts. Schedule of finishes were developed and included the following – carpet, vinyl wall base, interior paint, doors, frames, window sills, all new switches and receptacles, and door stops. Details and locations of existing power panel and fire alarm panel were also provided. Green Requirements were met via the use of GSA's Key Sustainable Product (KSP) standards and baseline environmental requirements specified in the 2018 GSA P100 Facilities Standards. A/E Fee: \$63,831.35

25. Firms From Section C Involved With This Project			
a.	(1) Firm Name Leuterio Thomas, LLC	(2) Firm Location (City and State) National Harbor, MD	(3) Role Architect / Structural Engineer (Design Lead)
b.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role
c.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

04

21. Title and Location (City and State) PGCPS – Thomas G. Pullen Middle School Windows and Doors Replacement, Landover, MD	22. Year Completed	
	Professional Services 2015-2019	Construction (if applicable) 2019

23. Project Owner's Information

a. Project Owner Prince George's County Public Schools	b. Point of Contact Name William Smith	c. Point of Contact Telephone Number 301-952-6534
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24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

PROJECT TYPE	DELIVERY METHOD	SCOPE
Renovation	Design-Bid-Build	The Thomas G. Pullen Prince George's County Public School building is 115,263sf and was constructed in 1967. The school was built with small single pane aluminum strip windows, steel storefront, and uninsulated precast panel exterior walls. The existing precast panel walls hang from exposed exterior steel columns and beams. These precast panels were allowing water to seep through the concrete and the exposed steel support members were corroding quickly. The scope of this project was to increase the classroom window sizes, replace all the existing windows with modern insulated double pane systems, water-seal & insulate the precast exterior walls, clean & recoat the corroding steel, clad the building facades with a modern metal panel rain screen, and replace all the exterior storefront doors. The new casement, storefront, and curtainwall window design modernized the look of the building without significant renovation, improved the thermal efficiency of the classrooms, protected the steel & interiors from the elements, and allowed for more natural light in the classrooms. Leuterio Thomas provided full design, cost estimate, permitting, bidding, and construction admin services on this project for PGCPS.
SIZE	COST	
115,263 SF	\$2M	



25. Firms From Section C Involved With This Project

a.	(1) Firm Name Leuterio Thomas, LLC	(2) Firm Location (City and State) National Harbor, MD	(3) Role Architect / Structural Engineer (Prime)
b.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

05

21. Title and Location (City and State)

Vista Gardens West, Lanham, MD

22. Year Completed

Professional Services

On-Going

Construction (if applicable)

On-Going

23. Project Owner's Information

a. Project Owner

NAI Michael

b. Point of Contact Name

Kevin Kennedy

c. Point of Contact Telephone Number

301-459-4400

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

PROJECT TYPE	DELIVERY METHOD	SCOPE
New Design	Design-Bid-Build	LT has been retained by the client through NAI / Michael to design and integrate a 10,000 SF building consisting of five units and to integrate the design with the landscaped linear park that links the residential with the hotel and retail. Currently, the design drawings are in the concept phase ready for the Detailed Site Plan submission (DSP) for the planning board review.
SIZE	COST	
10,000 SF	\$2M	



The design challenge is to combine the urban landscape design with the retail buildings building on the linear park. The design works to providing the visual clues and direction to allow the residents to feel comfortable walking into the retail area, absorbing the features and enjoying the journey as well as the destination.

To achieve the client's goal of getting planning approval, LT has developed the virtual model of the building to ensure a realistic presentation of the building's elevations. Supporting this submission, LT uses LUMION, a photorealistic rendering tool placing the building into a landscaped setting. It provides a series of vignettes to the client either as individual renders or a walkthrough. The design effort provides an exciting project that combines both retail with landscape and master planning services.

25. Firms From Section C Involved With This Project

	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Prime)
b.	Firm Name	City, State	Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

06

21. Title and Location (City and State)

WMATA On-Call Contract, Various Locations

22. Year Completed

Professional Services

On-Going

Construction (if applicable)

On-Going

23. Project Owner's Information

a. Project Owner

WMATA / Gannett Fleming (Prime)

b. Point of Contact Name

Robert E. St. John

c. Point of Contact Telephone Number

703-307-0453

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

+ WMATA New Station Entrance Canopie & Replacement Stairs: As WMATA advances its program to upgrade and replace escalators at exterior locations, it is necessary to provide coverage of escalator wellways to satisfy current code requirements. There are a number of stations on National Park Service (NPS) sites where the addition of canopies had not been permitted. For these locations WMATA issued a task order to develop alternative canopy designs to react to issues raised by the NPS and to develop designs where escalators would be replaced by stairs. Leuterio Thomas was tasked to develop conceptual and final design of new escalator wellway canopies to be added to selected rail stations. LT shall also assist the Authority with the conceptual and final design of stairs to replace escalators at selected rail stations.

+ WMATA New Stair at Shady Grove Station: The scope of work calls for the addition of a new stair from the mezzanine level through the existing well-way opening and on to the platform level. The existing Shady Grove Metrorail station has a below-grade mezzanine at the northern end with a platform above. The existing fare gates and the Station Manager's Kiosk are located on the mezzanine level. Purpose of this task order is to develop construction documents for a new exit at the platform level including fare gates, railing, and stair connecting the platform to the mezzanine levels. \$2M

+ WMATA New Stair at Judiciary Square Station (South Entrance): WMATA would like to improve customers' access to the Judiciary Square Station South Entrance by introducing a stair between the new escalators. As part of WMATA Escalator Replacement Program, the two (2) existing escalators at Judiciary Square South Entrance are being replaced with new ones. The space between the existing escalators is currently covered by a metal enclosure and not used for vertical circulation or any other Metrorail service related purpose. Leuterio Thomas was contracted to design the proposed stair to accompany the new escalators in the existing concrete area. The proposed stair will be compliant with WMATA standards and similar to other metro stations' previously added precast concrete stair projects. \$3M

+ WMATA Full Facility Rehab of 8 Parking Garages & Condition Assessments: LT conducted field investigations and coordinated with WMATA staff as necessary. Leuterio Thomas was tasked to review prior design documents, reports, maintenance records, and Record Drawings provided by WMATA. LT documented existing conditions and the items needing repair.

+ WMATA Design Services for Replacement of Drainage Pumping Stations and Discharge Line Piping: WMATA plans to replace or rehabilitate DPS [drainage pumping stations] including pumps, valves, pump control systems, associated track drainage inflow, suction and discharge line piping and DPS room appurtenances at locations across the Metrorail system.

+ WMATA Rail Station Employee Breakrooms: The WMATA Rail Department has identified a lack of breakroom space for employees. To that end, WMATA issued two Task Orders to evaluate existing Breakrooms and to identify new locations for Breakrooms in existing stations where no Breakrooms existed. Through the process of creating a Program of Requirements, evaluating existing sites and developing conceptual designs and construction cost estimates it was determined that Break Rooms could be developed at various stations.

25. Firms From Section C Involved With This Project

	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Subconsultant - Architect, Structural Engineer
b.	Firm Name	City, State	Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

07

21. Title and Location (City and State)		22. Year Completed	
City of Laurel On-Call Engineering Services, Laurel, MD		Professional Services	Construction (if applicable)
		On-Going	On-Going
23. Project Owner's Information			
a. Project Owner	b. Point of Contact Name	C. Point of Contact Telephone Number	
City of Laurel, Dept. of the Fire Marshal and Permit Services	Stephen E. Allen, Sr.	301.725.5300	
24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)			

Century Engineering, LLC, A Kleinfelder Company (Century) is currently working on this on-call contract that covers any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, Century has performed 11 specific projects, with tasks ranging from existing hiker-biker trail emergency repairs due to a major washout, sidewalk and roadway improvements, hiker-biker trail bridge replacement design, drainage and other trail system repairs, surveying, existing building HVAC assessment study for replacement units, a city-wide traffic study, and plan/permit review services. Deliverables have included reports, recommendations, design plans, construction documents, and construction oversight. Tasks to date have included the following:

- + Existing Hiker-Biker Trail Emergency Repairs:** Included base repairs at the trail segment location, due to soil erosion at the river's bank; drainage repairs at the trail segment location, by addressing adjacent surface conditions; drainage repairs at the trail segment location, by repairing and/or adding pipes beneath the existing trail for positive drainage; complete removal and replacement of trail, at the trail segment location, due to subgrade failure and/or pavement deterioration/failure. Services included design through construction. \$24.5K
- + Riverfront Park Pedestrian Bridge Replacements:** Included removal and replacement, in their existing locations, of two existing pedestrian bridges. Each bridge area was upgraded and/or designed to allow for a small emergency vehicle to be able to cross over each location. Services included design through construction. \$78.6K
- + Granville Gude Park Lighting Replacement Design:** Included removal and replacement of existing lighting along the lakeside paths and infrastructure components supporting the City's wi-fi network. Services included design through construction. \$30K
- + City-Wide Traffic Study:** This project was composed of two different activities. Part I was an assessment of parking on public streets, and Part II was an evaluation of safety and speeding issues at various locations within the city. Additional studies might include items such as intersection turning movement count (TMC) data collection, traffic signal operations, sight distance evaluations, nighttime surveys, and intersection characteristic reviews based on configurations or special circumstances. \$190.2K
- + HVAC Equipment Replacement Recommendations:** Included developing a performance specification for the replacement of existing equipment, with the exception that some equipment was converted to natural gas. \$29.5K
- + Plan Review Services:** Conducted phased plan reviews at various site locations throughout the city. This includes peer reviews of plans submitted by architecture, structural engineering, MEP engineering, and civil engineering firms; performing code research; reviewing construction documents; and issuing final reports and sketches, as necessary, of findings and recommendations. Fee: Hourly

25. Firms From Section C Involved With This Project

	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Prime - Civil/Site Engineering
b.	Firm Name	City, State	Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

08

21. Title and Location (City and State) Aberdeen Proving Ground, Aberdeen, MD	22. Year Completed	
	Professional Services See Below	Construction (if applicable) See Below

23. Project Owner's Information

a. Project Owner Department of Defense Department of the Army APG Directorate of Public Works	b. Point of Contact Name Tilt-up Construction, Inc. General Contractor Ms. Cassandra Phillips cphillips@tiltupinc.com	C. Point of Contact Telephone Number 410.787.0340
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24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

Century Engineering, LLC, A Kleinfelder Company (Century) collaborated with architects and general contractors to complete a variety of projects focusing on land uses introducing civil engineering, environmental, and easement elements to produce effective solutions for the Aberdeen Proving Ground (APG) Campus. Century under the FY 17 Facility Reduction Program, designed enhanced pedestrian ramps, perimeter fencing security features, and demolished aged and underutilized facilities. The Team's designs provides site improvements that better align with APG's current needs.

3326 Building ADA Access, MWR Recreational Center

Century provided land surveying, civil and structural engineering, along with permitting services. A new ADA Accessible ramp/route leading from the facility parking lot to the MWR recreational facility paralleling the existing stairway at Building 3226 was designed and constructed. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. The retaining walls also enclosed several landscape planter structures and were designed to be poured in place Portland cement, requiring a detailed structural design. Landscape plantings were also included in the design of the planter boxes. It was the desire of the owner that the project not require the acquisition of permits from the Maryland Department of the Environment for either stormwater management or erosion and sediment control. Accordingly, Century designed the new structure to disturb less than 5,000 square-feet of surface area and resulted in the excavation or deposition of less than 100 cubic yards of material. Century conducted a topographic survey of the site to complete the preparation of the Final Grading Site Improvement Plan with an associated Erosion and Sediment Control Plan for contractor use. Restriping of the parking lot was required, and the confirmed gradings helped ensure the ADA accessible parking lot was located closest to the walkway and complied with ADA guidelines. **Client Contact:** Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com; **Design:** 5/2017-11/2017 **Construction:** 5/2018-7/2018 **Costs:** \$31,824 Fee; \$263,000 Century Portion of Construction

Building and Museum Demolition 17-102

Century provided civil engineering services for the demolition of a number of WW2 era structures and the associated removal of approximately 100 concrete vehicle pads at the recently decommissioned U.S. Army Ordnance Museum, formerly located at Aberdeen Proving Ground. This civil engineering effort consisted of the preparation of an Erosion and Sediment Control Plan to cover the demolition work for both areas and the submittal of those plans to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to the MDE to document that State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE. **Client Contact:** Ms. Cassandra Phillips, Tilt-Up Construction, 410.787.0350, cphillips@tiltupinc.com **Design:** 6/2019 **Costs:** \$38,000 Fee, \$353,000 Cost

Perimeter Fencing at Bldg E1454

Century provided civil, survey, structural and electrical engineering services for the replacement of approximately 1,000 linear feet of chain link fence with razor wire and mow strip around Site E1454. Civil services consisted of design and construction documents including Ste Plan, progress meetings and construction administration services. Survey services consisted of performing field run topographic survey of the site and preparation of base plans to be used for design services. Structural services consisted of foundation design construction plans, specifications and construction administration services. Electrical Services consisted of fence grounding design, construction plans, specifications and construction administration services. **Client Contact:** Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com; **Design:** 1/2019 **Construction:** 3/2019 **Costs:** \$300,000 Construction

25. Firms From Section C Involved With This Project

a.	(1) Firm Name Century Engineering, LLC, A Kleinfelder Company	(2) Firm Location (City and State) Hunt Valley, MD	(3) Role Civil, Structural, and Electrical Engineering, and Land Surveying
b.	(1) Firm Name Firm Name	(2) Firm Location (City and State) City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. Example Project Key Number

09

21. Title and Location <i>(City and State)</i>	22. Year Completed	
	Professional Services	Construction <i>(if applicable)</i>
Anne Arundel County Facilities Infrastructure Study, Anne Arundel County, MD	2017-2018	N/A

23. Project Owner's Information		
a. Project Owner	b. Point of Contact Name	c. Point of Contact Telephone Number
Anne Arundel County, Maryland Client - Bignell, Watkins, Hasser Architects	Robert Fernandez, PE	PWFern83@aacounty.org 410.222.7620

24. Brief Description of Project and Relevance to This Contract *(Include scope, size, and cost)*



Century Engineering, LLC, A Kleinfelder Company (Century) provided the mechanical, electrical, and plumbing engineering services for an infrastructure study of 27 buildings in Anne Arundel County, Maryland. The study's purpose was to determine the adequacy of current and future infrastructure needs and general locations of required improvements with prioritization based on level of deterioration.

- The facilities involved included:
- +County Court House
 - +Arundel Center
 - +Emergency Operations Center
 - +Heritage Office building
 - +Police department headquarters
 - +Three police stations
 - +Animal Control facility
 - +Fire Department headquarters
 - +Fire training school
 - +Nine fire stations
 - +Garage complex
 - +Health Department building
 - +Library headquarters



The Emergency Operations building was built in 1986 and encompasses 250,132 gross square feet over five stories. It is a converted movie theatre/parking garage. Repairs were indicated for HVAC, building electrical and service distribution, fire suppression, special electrical systems and emergency power, and replacement of rooftop units.

The Heritage Complex is comprised of four four-story buildings totaling 60,000 gross square feet. The buildings had many code issues and poor HVAC distribution. As part of the final report, Century recommended repairs or changes to: emergency egress lighting, ventilation, air conditioning, plumbing, building electrical systems and emergency power, fire safety systems, and packaged rooftop units.



The Arundel Center was built in 1965 and encompasses 119,250 gross square feet over five-stories. Suggested repairs were provided in prioritized order and included emergency egress lighting, fire safety system, fire suppression, and ADA considerations.

Many other recommendations were made in the final report to the County, including areas such as masonry work, fall protection, overhead doors, rooftop ladders, interior finishes, and waterproofing.

Fee: \$42,300

25. Firms From Section C Involved With This Project			
a.	(1) Firm Name Century Engineering, LLC, A Kleinfelder Company	(2) Firm Location <i>(City and State)</i> Hunt Valley, MD	(3) Role Subconsultant - Mechanical, Electrical, and Plumbing Engineering
b.	(1) Firm Name Firm Name	(2) Firm Location <i>(City and State)</i> City, State	(3) Role Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

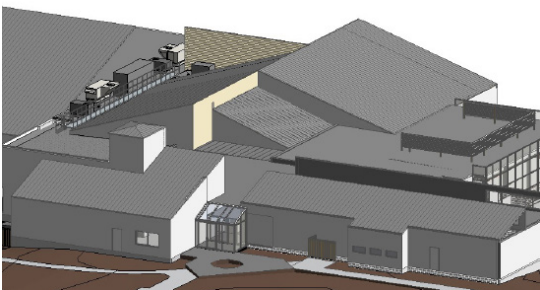
20. Example Project Key Number

10

21. Title and Location <i>(City and State)</i>	22. Year Completed	
	Professional Services	Construction <i>(if applicable)</i>
Columbia Association Athletic Club , Columbia, MD	2016-2018	2017-2019

23. Project Owner's Information		
a. Project Owner	b. Point of Contact Name	c. Point of Contact Telephone Number
Columbia Association	Mr. Dennis Matthey	410.381.0591

24. Brief Description of Project and Relevance to This Contract *(Include scope, size, and cost)*



Century Engineering, LLC, A Kleinfelder Company (Century) is provided engineering services for the renovation of this 33,700 square-foot Community Athletic and Fitness club. This multiphase project modernized the athletic center with an open ceiling concept.

The renovation was scheduled to be performed in two phases, with a three-week window, within Phase I, when the center was shut down. Close coordination of the design and phasing was provided to accomplish the limited three-week shutdown. Century staff was made available for on-site review of work, within two hours' notice to help keep the project moving during the limited shutdown.

The renovation addresses:

- +Make-up air deficiencies by increasing the amount of outside air to the building
- +Coordination of plumbing connections within the existing mains within the building
- +Design of power branch circuits, within the facility, utilizing existing panelboards
- +Design of lighting system
- +Addresses humidity issues by providing active dehumidification controls to the building
- +Addition and renovation to the main entry lobby, circulation, locker room, sauna and whirlpool area with new lighting, fire alarm, power, and low voltage systems

\$107,575 Fee

25. Firms From Section C Involved With This Project

a.	(1) Firm Name	(2) Firm Location <i>(City and State)</i>	(3) Role
	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Prime - Mechanical, Electrical, and Plumbing Engineering
b.	(1) Firm Name	(2) Firm Location <i>(City and State)</i>	(3) Role
	Firm Name	City, State	Role

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. Names of Key Personnel <i>(From Section E, Block 12)</i>	27. Role in this Contract <i>(From Section E, Block 13)</i>	28. Example Projects Listed in Section F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)</i>									
		01	02	03	04	05	06	07	08	09	10
Graham Thomas , AIA, RIBA, LEED AP BD+C	Principal-In-Charge / Project Manager	X	X	X	X	X	X				
Robert Tarbell , AIA, NCARB, NCIDQ	Lead Architect	X	X	X							
Andrea Katigbak , AIA	Architectural Project Designer		X		X		X				
Christie Melgar , ASSOC. AIA	Architectural Project Designer				X	X					
Tyrone Hinton, Jr. , ASSOC. AIA	Architectural Project Designer	X	X			X					
Michael J. Pieranunzi , PLA, LEED AP	Landscape Architect										
Hedy L. Thomas , PE	Lead Structural Engineer				X	X	X				
Scott Grover , PE	Senior Structural Engineer				X	X	X				
Shane Alolod	Structural Engineer						X				
Matthew Steiner , PE, LEED AP BD+C	MEP Engineer Manager										
Andrew H. Jun , PE	Mechanical Engineer										X
Scott M. Menegatti , PE, LEED AP	Senior Electrical Engineer									X	
Piero "Pete" Mellits , PE, LEED AP	Senior Site/Civil Engineer							X			
Anthony J. Dietz , PE, LEED AP	Senior Civil Engineer								X		

29. Example Projects Key

Number	Title of Example Project <i>(From Section F)</i>
01	National Courts Abatement & Renovation of Chambers, Washington, DC
02	New Executive Office Building 6th Floor Short Wing Modernization, Washington, DC
03	GSA VA 6th Floor Renovation, Washington, DC
04	PGCPS – Thomas G. Pullen Middle School Windows and Doors Replacement, Landover, MD
05	Vista Gardens West, Lanham, MD
06	WMATA On-Call Contract, Various Locations
07	City of Laurel On-Call Engineering Services, Laurel, MD
08	Aberdeen Proving Ground, Aberdeen, MD
09	Anne Arundel County Facilities Infrastructure Study, Anne Arundel County, MD
10	Columbia Association Athletic Club, Columbia, MD

H. ADDITIONAL INFORMATION

30. Provide any additional information requested by the agency. Attach additional sheets as needed.

Leuterio Thomas

Leuterio Thomas (LT) was established in March 2000 by Hedy Leuterio Thomas as a woman owned minority small business. The company primarily started off as a structural engineering firm, but then eventually became both a full structural engineering and architectural firm.

LT's philosophy is to provide quality and excellence through hard work and dedication to the client. The company encourages the professional development of its staff and fosters an environment of care and concern to produce a design product that reflects the company's values.

Through Leuterio Thomas' determination and capabilities, this has led them to complete a wide range of projects. From federal office building renovations to becoming Associate Structural Engineer for MGM National Harbor and the new DC Water Headquarters, to being Architect of Record for the new Potomac Yard Metrorail Station - whatever the scale of the project, LT brings a requisite level of diligence to achieve the budget, scope and schedule. What differentiates Leuterio Thomas among others, is not what they can do but what they can deliver. LT's track record with new and returning clients, proves that the services provided is worth the trust given. Whether as prime or subconsultant, LT assures full commitment to the task at hand, not only promising quality work but also developing a rapport with all involved. And that is the value not only added but embedded in the team. Through the use of the latest BIM technology, the design team works on coordinated three dimensional models. And through the use of Newforma, projects are managed and all information tracked from design through construction. LT utilizes Lumion and VR technology with HTC Vive to allow the client to understand through immersion.

The LT Team has extensive experience in multi-tasking on projects and meeting competing deadlines. LT works closely with the client establishing the required schedule, monitoring key milestones, and being flexible when it comes to adjusting schedules based on client reviews. Highlighted on the following pages are IDIQ or On-Call contracts that Leuterio Thomas and the Team has done or is currently working on. The FDA IDIQ experience proves LT's capabilities of working on task orders across the U.S. ranging from office renovations, space planning, to structural studies for FDA labs – Leuterio Thomas has successfully produced for those projects.

Another example of LT Team's capacity to accomplish multiple task orders simultaneously is LT's contract with Prince George's County Public Schools (PGCPS). A contract that required work (window and door replacements) on four different schools all at the same time. Leuterio Thomas organized the staff into different groups to first conduct surveys and then to produce drawings. These individual projects required design, permitting and bidding – all in which LT delivered to the client successfully. With WMATA, LT approaches the task orders the same way – with team organization and management implementation. WMATA task orders vary from one task order focusing on one area, and at other times one task order can focus on multiple locations. For example, WMATA's sixteen platform rehabilitation project, LT was tasked to survey numerous platforms all across the metropolitan area, during different times of the day, and at the same time be able to meet deliverables that are up to WMATA's standards. LT has handled WMATA projects efficiently and effectively, which is why it has been over ten years that LT has been continuing to provide WMATA with quality work.

For ID/IQ or On-Call Contracts, LT has a different function in how resources are assigned and how each task is managed compared to stand alone projects to help ensure quality control. LT has a Project Manager that is responsible for the direct relationship with the client's contracting officer. Graham Thomas will perform the role of project manager and will work to develop the specific management plan. The LT Team can accomplish multiple projects at the same time.

LT On-Call Experience:

WMATA
Food and Drug Administration
Verizon
FBOP
Prince George's County Public Schools
Maryland Judiciary

H. ADDITIONAL INFORMATION

30. Provide any additional information requested by the agency. Attach additional sheets as needed.

Century Engineering

Century Engineering, LLC, a Kleinfelder Company (Century) is a multidisciplinary consulting firm engaged in planning and design and construction management and inspection of a variety of projects for public and private agencies in the transportation, environmental and facilities industries. Century Engineering, LLC, and all affiliates - as of November 15, 2021- were acquired and have become part of the Kleinfelder, Inc. organization. Founded in 1961, Kleinfelder is a leading engineering, design, construction management, construction materials inspection, and testing firm. Together, we now employ over 3,000 professionals and operate from over 100 office locations in the U.S., Canada, and Australia.

An on-call or open-end contract requires a consultant to have easy access to a variety of different professionals required to respond effectively to any type of A/E design project that arises. Century has extensive, recent experience in the management and execution of multidisciplinary assignments under indefinite delivery or on-call services contract arrangements. We have performed assignments of this type for municipal engineering, and facilities development and rehabilitation, military, industrial, recreational, commercial, other public sector and private sector clients on utility work, housing assignments, waterfront design work, industrial expansion and remediation for a wide range of satisfied clients.

Century has a long history of providing the renovations, upgrades, and additions necessary to enable municipalities to best serve their communities. We understand the unique challenges involved with maintaining and improving infrastructure without disrupting daily life, and our clients rely on us time and time again to bring their projects to fruition. Century can assist with upgrading existing systems or implementing new systems for many of your needs, including wastewater systems, community facilities, environmental planning, transportation engineering, and master planning.

Additionally, Century has experience working with local governments along the Eastern Shore. Having worked with the likes of Queen Anne's County and Wicomico County, we are familiar with the challenges they face including unique historical and environmental sensitivities and seasonal fluxuations in population.

Century On-Call Experience:

- Anne Arundel County
- Charles County
- Baltimore County
- Carroll County
- Harford County
- Cecil County
- Frederick County
- Prince George's County
- Montgomery County
- City of Baltimore
- City of Laurel
- Sussex County, Delaware
- Town of Camden, Delaware
- Maryland-National Capital Park and Planning Commission
- Columbia Association
- Delaware Department of Natural Resources and Environmental Control (DNREC)
- Delaware River & Bay Authority (DRBA)

I. AUTHORIZED REPRESENTATIVE | *The foregoing is a statement of facts.*

31. Signature



32. Date

05/24/2022

33. Name and Title

Hedy L. Thomas, PE | President/Owner

ARCHITECT-ENGINEER QUALIFICATIONS

1. Solicitation Number (if any)

RFP 2022-01

PART II - GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)

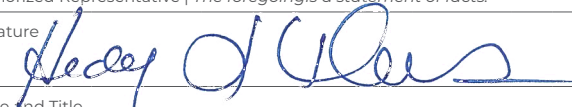
2a. Firm (or Branch Office) Name Leuterio Thomas, LLC			3. Year Established 2000	4. Unique Entity Identifier 859735388
2b. Street 6710 Oxon Hill Road, Suite 300			5. Ownership a. Type LLC	
2c. City National Harbor	2d. State MD	2e. Zip Code 20745	b. Small Business Status WOSB, MBE, DBE, WBE, SBR	
6a. Point of Contact Name and Title Hedy L. Thomas, PE President/Owner			7. Name of Firm (If Block 2a is a Branch Office) N/A	
6b. Telephone Number 301-203-1784		6c. Email Address hedy@leuteriothomas.com		
8a. Former Firm Name(s) (If any) N/A		8b. Year Established N/A	8c. Unique Entity Identifier N/A	

9. Employees by Discipline				10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
02	Administrative	3	0	L01	Laboratories; Medical Research Facilities	4
06	Architect	8	0	H08	Historical Preservation	1
48	Project Manager	3	0	H09	Hospital & Medical Facilities	2
57	Structural Engineer	4	0	H11	Housing (Residential, Multi-Family; Apartments; Condominiums)	2
Total		18	0	I05	Interior Design; Space Planning	4

10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years			a. Profile Code	b. Experience	c. Revenue Index Number (see below)
			M08	Modular System Design; Pre-Fabricated Structures or Components	1
			R03	Railroad; Rapid Transit	5
A11	Auditoriums & Theaters	3	R06	Rehabilitation (Buildings; Structures; Facilities)	3
C10	Commercial Building (low rise); Shopping Centers	2	R08	Research Facilities	3
C11	Community Facilities	1	R12	Roofing	3
C13	Computer Facilities; Computer Service	2	S09	Structural Design; Special Structures	5
C15	Construction Management	1	S11	Sustainable Design	3
C17	Corrosion Control; Cathodic Protection; Electrolysis	2	T06	Tunnels & Subways	1
D04	Design-Build - Preparation of Requests for Proposals	4	J01	Judicial and Courtroom Facilities	2
E02	Educational Facilities; Classrooms	5	O01	Office Buildings, Industrial Parks	3
E05	Elevators; Escalators; People Movers	2	P13	Public Safety Facilities	2
F05	Forensic Engineering	1	P08	Prisons & Correctional Facilities	2
G01	Garages; Vehicle Maintenance Facilities; Parking Decks	3	A08	Animal Facilities	3

11. Annual Average Professional Services Revenues of Firm for Last 3 Years (Insert revenue index number shown at right)		Professional Services Revenue Index Number	
a. Federal Work	6	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. Authorized Representative | The foregoing is a statement of facts.

a. Signature 	b. Date 05/23/2022
c. Name and Title Hedy L. Thomas, PE President/Owner	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NO. (If any)
2022-01

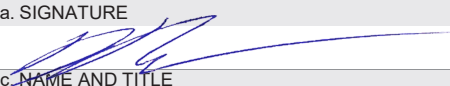
PART II – GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Century Engineering, LLC			3. YEAR ESTABLISHED 2021	4. UNIQUE ENTITY IDENTIFIER 06-487-5420
2b. STREET 10710 Gilroy Road			5. OWNERSHIP	
2c. CITY Hunt Valley			2d. STATE MD	2e. ZIP CODE 21031
6a. POINT OF CONTACT NAME AND TITLE Kent Hoffman, PE, LEED AP®, CDT, Vice President			a. TYPE Corporation (LLC)	
6b. TELEPHONE NUMBER 443.589.2400			6c. E-MAIL ADDRESS khoffman@kleinfelder.com	
			b. SMALL BUSINESS STATUS Not Applicable	
			7. NAME OF FIRM (If Block 2a is a Branch Office) The Kleinfelder Group, Inc.	

8a. FORMER FIRM NAME(S) (if any) Century Engineering, Inc.	8b. YEAR ESTABLISHED 1974	8c. UNIQUE ENTITY IDENTIFIER 06-487-5420
--	-------------------------------------	--

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
06	Architect	16		B02	Bridges	6
07	Biologist	65		C10	Commercial Building (low rise); Shopping Centers	2
08	CADD Technician	165	47	C15	Construction Management	9
12	Civil Engineer	176	15	E03	Electrical Studies and Design	5
15	Construction Inspector	252	35	E07	Energy Conservation; New Energy Sources	1
16	Construction Manager	63	7	E11	Environmental Planning	3
19	Ecologist	60		E12	Environmental Remediation	4
21	Electrical Engineer	23	4	G02	Gas Systems (Propane, Natural, etc.)	4
23	Environmental Engineer	82		G04	Geographic Information System Services	6
24	Environmental Scientist	170	10	H04	Heating; Ventilating; Air Conditioning	5
27	Foundation/Geotechnical Engineer	138	2	H11	Housing	5
30	Geologist	113	1	O01	Office Buildings; Industrial Parks	1
34	Hydrologist	15		P07	Plumbing and Piping Design	4
36	Industrial Hygienist	11		S09	Structural Design; Special Structures	4
38	Land Surveyor	65	22	S10	Surveying; Platting; Mapping; Flood Plain Studies	5
40	Materials Engineer	16		S13	Storm Water Handling and Facilities	6
48	Project Manager	77		T03	Traffic and Transportation Engineering	8
57	Structural Engineer	63	11	T04	Topographic Surveying and Mapping	3
58	Technician/Analyst	257		W01	Warehouses and Depots	2
60	Transportation Engineer	62	21	W02	Water Resources; Hydrology; Ground Water	7
62	Water Resources Engineer	68	13	W03	Water Supply; Treatment and Distribution	5
	Other Employees	661	64			
	Total	2,618	252			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	2	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE 	b. DATE May 18, 2022
c. NAME AND TITLE Kent Hoffman, PE, LEED AP®, CDT, Vice President	



TAB 4

Section VI Documents

Department of Education Mobility
Labs Renovation
Washington, DC

FORM OF PROPOSAL

Date: 05/24/2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
ARCHITECT & STRUCTURAL ENGINEER - RATE	SITE/CIVIL ENGINEER & LANDSCAPE ARCHITECT - RATE
Principal, Architect IV \$ <u>225.00</u> /Hr.	Vice President \$ <u>200.00</u> /Hr.
Associate, Architect IV \$ <u>175.00</u> /Hr.	Principal Engineer \$ <u>185.00</u> /Hr.
Project Manager \$ <u>205.00</u> /Hr.	Associate \$ <u>155.00</u> /Hr.
Architect III \$ <u>145.00</u> /Hr.	Senior Project Manager/Project Eng. \$ <u>145.00</u> /Hr.
Specifications \$ <u>165.00</u> /Hr.	Senior Engineer/PM/Project Eng. \$ <u>130.00</u> /Hr.
QA/QC \$ <u>185.00</u> /Hr.	Engineer II \$ <u>124.00</u> /Hr.
President, Structural Engineer IV \$ <u>252.00</u> /Hr.	Engineer I \$ <u>110.00</u> /Hr.
Structural Engineer III \$ <u>205.00</u> /Hr.	Project Designer \$ <u>95.00</u> /Hr.
Structural Engineer II \$ <u>165.00</u> /Hr.	Principal Landscape Architect \$ <u>150.00</u> /Hr.
Structural Engineer I \$ <u>125.00</u> /Hr.	Senior Landscape Architect \$ <u>110.00</u> /Hr.
Project Coordination \$ <u>125.00</u> /Hr.	Landscape Architect \$ <u>95.00</u> /Hr.
Project Admin \$ <u>105.00</u> /Hr.	Landscape Designer \$ <u>85.00</u> /Hr.
MEP ENGINEER - RATE	Process Specialist \$ <u>125.00</u> /Hr.
Division Manager or Officer \$ <u>215.00</u> /Hr.	Administrative/Clerical \$ <u>64.00</u> /Hr.
Chief Engineer \$ <u>190.00</u> /Hr.	
Senior Engineer \$ <u>165.00</u> /Hr.	
Engineer III/Senior Designer \$ <u>155.00</u> /Hr.	
Engineer II \$ <u>130.00</u> /Hr.	
Engineer I/Construction Admin. \$ <u>120.00</u> /Hr.	
Designer II \$ <u>105.00</u> /Hr.	
Designer I \$ <u>95.00</u> /Hr.	
Drafter \$ <u>85.00</u> /Hr.	
Administrative Assistant II \$ <u>85.00</u> /Hr.	
Administrative Assistant I \$ <u>75.00</u> /Hr.	

Provide additional sheets as necessary for expenses such as travel, etc.

Hedy L. Thomas, PE

Printed Name

Signature



Name of Company

Leuterio Thomas, LLC

Address

6710 Oxon Hill Rd., Suite 300

City, State, Zip

National Harbor, MD 20745

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Renovations
Company Name: Prince George's County Public Schools
Address: 13300 Old Marlboro Pike, Rm 10
City, State, Zip Code: Upper Marlboro, MD 20772
Contact Person: William Smith
Telephone Number: 301-952-6534
Dates of Service: 2015 - Present/On-Going
Date of Project Completion: Varies
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project: Renovations, New Designs
Company Name: Gannett Fleming
Address: 800 I Street NW, Suite 600
City, State, Zip Code: Washington, DC 20001
Contact Person: Robert E. St. John
Telephone Number: 703-307-0453
Dates of Service: Present/On-Going
Date of Project Completion: Varies
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project: Renovations
Company Name: Gaghan Mechanical
Address: 5601 N General Washington Drive
City, State, Zip Code: Alexandria, VA 22312
Contact Person: Sean Gaghan
Telephone Number: 703-969-9105
Date of Service: Present/On-Going
Date of Project Completion: Varies
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project: New Design
Company Name: Smithgroup
Address: 1700 New York Avenue NW, Suite 100
City, State, Zip Code: Washington, DC 20006

Contact Person: Sven Shockey
Telephone Number: 202-974-5188 / 202-549-6017 (C)
Date of Service: 2016-2019
Date of Project Completion: 2019
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project: New Design
Company Name: Walker Consultants
Address: 565 E. Swedesford Rd., Suite 300
City, State, Zip Code: Wayne, PA 19087
Contact Person: James W. Pudleiner
Telephone Number: 484-253-0318 / 610-995-0260
Date of Service: 2018-2021
Date of Project Completion: 2021
Local Gov't Contact for Project:
Key Organization Contact:

Hedy L. Thomas, PE

Print Name

Signature

EXCEPTIONS AND ADDENDA

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Proposal Document covers all items as specified.

EXCEPTIONS:

(If none, write NONE) NONE

THE VENDOR HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA.

Number/Date/Initials

Email/Question 1 / 5/16/2022*

**No formal addendum was issued, but questions submitted were answered via email.*

Email/Question 2 / 5/17/2022*

Email/Question 3 / 5/17/2022*

Hedy L. Thomas, PE



Print Name

Signature

OWNERSHIP DISCLOSURE FORM

COMPANY NAME: Leuterio Thomas, LLC

TYPE OF COMPANY (circle one):

ADDRESS: 6710 Oxon Hill Rd.

*Sole Proprietorship

Suite 300

*Partnership

National Harbor, MD 20745

*Corporation

FEIN#: 52-2230293

*Limited Liability Corporation

INSTRUCTIONS: Provide below the names, offices held and any ownership interest of all officers of the firm. If additional space is necessary, provide on an attached sheet.

		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)
Hedy L. Thomas, PE	President/Owner	100%

INSTRUCTIONS: Provide below the names, offices held, and ownership interest of all individuals not listed above, and any partnerships, corporations and any other owner having a 10% or greater interest in the firm named above.

If a listed owner is a corporation or partnership, provide below the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. If there are no owners with 10% or more interest in your firm, enter "None" below.

		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)

CONTRACTOR'S AFFIDAVIT OF QUALIFICATION TO BID

I HEREBY AFFIRM THAT:

I, Hedy L. Thomas, PE am the President/Owner

(Printed Name)

(Title)

and the duly authorized representative of the Vendor of Leuterio Thomas, LLC
whose address is

(Name of corporation)

Leuterio Thomas, LLC - 6710 Oxon Hill Rd., Suite 300

National Harbor, MD 20745

and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor for which I am acting.

Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my knowledge and of its officers, directors or partners, or any of its employees directly involved in obtaining contracts with the State or any county, bi-county or multi-county agency, or subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge of, or have during the course of an official investigation or other proceeding admitted in writing or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to bribe under the provisions of Article 27 of the Annotated Code of Maryland or under the laws of any state or federal government (conduct prior to July 1, 1977 is not required to be reported).

(State "none" or, as appropriate, list any conviction, plea or admission described in paragraph 2 above, with the date, court, official or administrative body, the individuals involved and their position with the Vendor, and the sentence or disposition, if any.)

NONE

I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the representations set forth in this affidavit are not true and correct, the City may terminate any

Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of law or after a hearing, from entering into contracts with the State or any of its agencies or subdivisions.

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Hedy L. Thomas, PE



Print Name

Signature



LEUTERIO THOMAS, LLC
ARCHITECTS & ENGINEERS

OFFICE LOCATIONS:

National Harbor Maryland
6710 Oxon Hill Road, Suite 300
National Harbor, MD 20745

Baltimore Inner Harbor
400 East Pratt Street, Suite 800
Baltimore, MD 21202

Phone: 301-203-1784

Fax: 301-542-0149

Website: www.leuteriothomas.com



ARCHITECTS ENGINEERS INTERIORS PLANNING GREEN DESIGN

Request for Proposal 2022-01
City of Glenarden, Maryland
Architectural/Engineering Professional Services

To:

Office of the City Manager
Glenarden, MD

Date:

May 27, 2022

Offerer:

Arium AE, LLC
5537 Twin Knolls Road, Suite 435,
Columbia, MD 21045
www.ariumae.com

Project Contact: Brian Frels
brianf@ariumae.com
410.730.2300

1. COVER LETTER

May 27, 2022

Office of the City Manager
8600 Glenarden Parkway
Suite 226
Glenarden, MD 20706

RE: Request for Proposals 2022-01, Architectural / Engineering (A/E) Professional Services

Dear Consuella M. Barbour and Members of the Selection Committee,

It is with great pleasure and excitement that on behalf of Scott Walthour, Stephanie Bounds Nunn, and Myself, Brian Frels, I submit this proposal for **Arium AE, LLC's Architectural & Engineering Design** team for consideration for the above referenced RFP.

Arium AE is an established and growing, mid-sized Architectural and Engineering (AE) design firm located in Columbia, MD. Utilizing our in-house team of 35 professional Architects, Interior Designers, Space Planners, and MEP Engineers, we've garnered a reputation for providing highly integrated designs in an efficient and expeditious manner. Arium has been headquartered in Howard County since 1988 and is uniquely focused and skilled at providing a wide range of professional design services within the local and surrounding areas, including Prince George's County.

As the Prime proposer, Arium intends to provide all Architecture and MEP Engineering Design services under this contract. We have teamed with our long term partners KCI Technologies and GPI (Holbert Apple Associates recently joined forces with the GPI Team). We've partnered with these firms because they share in Arium's culture of collaboration, client service oriented design, and have years of experience performing similar projects. As the Prime proposer we are supremely confident in our ability to perform as Glenarden's sole point of contact and lead this team of highly qualified professionals in service to the City.

Our goal is to ultimately become one of Glenarden's most trusted A&E vendors, and we will gladly accept each task as an opportunity to demonstrate our level of service and commitment to your goals.

We are available at your convenience to discuss how best we can serve you and your teams. Please do not hesitate to contact me directly if there is anything Arium can assist you with. Thank you for your time and consideration.

We acknowledge receipt of answered RFP questions via email, on May 16, 2022 and May 17, 2022.

Very truly yours,

A handwritten signature in black ink, appearing to read "Brian Frels". The signature is stylized with a large, sweeping initial "B" and "F".

Brian Frels, AIA, NCARB
Principal
brianf@ariumae.com
410.730.2300

2A. SCOPE OF SERVICES &
PROJECT UNDERSTANDING
2B. PROJECT APPROACH

Arium AE, LLC (Arium), the prime for this contract opportunity, is a mid-sized Architectural and Engineering design firm with deep roots in the local community. Founded in 1988, we have steadily grown into a regional design firm. We added MEP Engineering in 2005, and have focused on interiors, adaptive reuse, renovations, and new construction. Utilizing our in-house team of 35 professional Interior Designers, Space Planners, Architects, Electrical and Mechanical Engineers, we've garnered a reputation for providing highly integrated designs to a repeat client base. Arium's repeat client base extends to some of the largest defense contractors and government agencies in the country who depend on the firm to provide highly technical design solutions for demanding program and equipment requirements.

Arium understands that the work to be performed under RFP 2022-01 could consist of architectural design and project programming, including landscape architecture, and engineering design services with various related duties for multiple projects across a variety of building types.

The scope of work may include services related to the design and construction of new facilities, renovations to existing facilities, or general planning efforts. Tasks may include conceptual level services through full planning and construction administration services.

Of the building types listed in the RFP, Arium has a strong background and proven experience with office buildings, both interior build-outs for renovations, adaptive re-use, or new construction.

Arium's **Architectural, Mechanical, Electrical, and Plumbing Engineering Services** include:

- Strategic planning of space needs
- Evaluation of current space use / feasibility & site studies

- Recommendations for changes to space use to address needs and improve function and efficiency
- Evaluate the impact of recommendations, survey existing conditions
- Provide macro and micro programming to support renovations and new construction
- Provide test fits to determine potential space use
- Conceptual and final design services
- Permit submittals: Arium utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.

Our **Interior Design Services** includes, but is not limited to, finish schemes, furniture plans and specifications, cost estimates, supplier and contractor engagement and coordination, interior finishes selections, and wayfinding.

Our **Construction Phase Services** will include the review of work for compliance with CDs, responding to RFIs, and review of submittals and requests for substitutions.

It is understood that our team must be able to provide services across multiple disciplines including Project Director, Project Manager, Licensed Architect, Civil Engineer, Structural Engineer, Landscape Architect, Geotechnical, Surveyor, Construction Manager, Inspector, Mechanical Engineer, Electrical Engineer and Plumbing Designer.

Arium is able to provide the architectural and MEP engineering design services from our in-house staff. Our civil, geotechnical, landscape architecture, survey, construction inspection, and construction management will be provided by our subconsultant, KCI Technologies. Structural engineering services will be provided by GPI.



Arium's systematic, step by step approach helps to keep fees down and quality up. We specialize in helping clients realize project goals and navigate a dynamic regulatory environment on budget and within schedule. Arium's integrated approach towards design maximizes the ability to control project costs and reduce costly design changes through inclusive, yet targeted efforts early in the design process.

OUR PROJECT APPROACH

Arium knows **efficient and effective communication** is critical and has developed documentation standards that allow for a consistent and predictable dissemination of information. As a team, Arium is capable of providing reoccurring progress reports, phasing plans, and schedules. Because we work for many of the region's most demanding public and private sector clients, we are able to tailor our standards and deliverables to meet specific client needs. Through years of working for repeat clients, Arium has developed archiving systems that allow for records to be quickly and accurately retrieved.

Arium strives to build working relationships with our clients by providing exceptional quality deliverables for each project. In addition to the Project Manager, a Project Principal is assigned to act as back up to the Project Manager if the Project Manager is not available and as a quality assurance for the Project Manager. Communications are distributed to all team members to provide additional back up and project continuity. Arium performs "on call" services for a variety of clients, and has developed a reputation of responsiveness and a keen ability to meet difficult schedules.

Each project will be approached with respect to its unique goals and requirements. The design process will be broken down into the appropriate phases and deliverables needed. These might include Test Fit/Conceptual Design, Schematic Design (SD) – 15%, Design Development (DD) – 35%, Construction Documents (CD) – 65%, Construction Documents (CD) – 95% and 100%, and Construction Administration (CA). Both formal and informal review meetings are scheduled during the course of the project. They are attended by all members of the design team and are designed to ensure that all elements of the design are complete and work together so that the resulting project will be complete, useable and provide real value to the client.

Our Availability & Fast Response Time

One of Arium's key differentiators within the industry is the availability, response time, capability, and our client's direct access to very senior and experienced staff. Arium's culture and work environment has led to an extremely low employee turnover and resulted in the fact that 50% of our employees have been with the firm for more than 10 years. Arium's size and project work flow allows for our most senior management to be intimately involved in our client's projects regardless of the size and complexity. Arium's staffing model and expertise allow for the team members who are directly involved with and executing this project, to be

more experienced and capable than what is typically standard within the industry.

Project Management

The Project Manager will be responsible for project performance and schedule throughout the project's lifespan. They will serve as the primary point of contact and ensure all designs are aligned with project goals, meet client expectations, are complete/accurate, and are coordinated across all disciplines.

Some of Arium's longest term clients are with government and institutional facilities. Arium has provided critical building improvements during short summer construction windows consistently for the past 11 years for the Maryland Institute College of Art. In addition to MICA, we have 10+ years of experience working for Prince George's County and repeated successes in providing new buildings, additions, and renovation projects, including interior design services.

Technical Expertise – Office Facilities

Whether you are seeking a new headquarters, an efficient space plan, a contemporary finish upgrade, a secure office space, or a new collaborative workplace, Arium is the regional leader in office design. We work for a wide range of clients in the region, from government agencies, to the largest REITs, to small developers, and to individual tenants. We help owners reposition their properties toward higher value markets and help tenants maximize their image while making efficient use of their space. Our understanding of the regional building typologies and our effective working relationships with local jurisdictions ensure an exceptionally efficient permit and occupancy process.

Experience – Americans with Disabilities Act

Arium has assisted many clients over the years by conducting ADA Accessibility studies to address any potential areas of non-compliance. Our staff conducts detailed surveys of the accessible route into and within the building, restrooms, and any area that falls within the purview of the Department of Justice ADA Standards. We are very familiar with preparing reports, or reviewing reports, that outline any deficiencies found within the building.

Experience – Engineering Systems Replacement/Upgrade

Arium has considerable experience planning, designing and implementation of phased engineering systems replacement and upgrade projects within occupied facilities. These systems can include HVAC, controls/BMS, generators, lighting and power systems for example. Utilizing our integrated staff of engineers and architects, we work with the facility management teams to first define the project goals and requirements. As we go through design and into construction, we continue to work with the construction/site teams to maintain information flow and to make sure everyone is aware and understands the goals of the project. We have completed phased engineering projects in a multitude of occupied facilities including schools, office, medical and industrial.

OUR PROCESSES

Arium has time-tested processes and standards in place to anticipate and address potential project risks and challenges. Included below is a summary of those processes.

Arium's Ability to Anticipate & Address Problems

Arium employs a coordinated interdisciplinary approach to the design of all projects. This is accomplished through a system of formal coordinating meetings attended by the design team, informal reviews by the Project Managers, strict adherence to the Quality Control Plan, and Arium's corporate policy which encourages cooperative teamwork. There are no private offices at Arium. This open office/ studio arrangement fosters a culture of teamwork and an environment that supports knowledge share.

Arium strives to build working relationships with our clients by providing exceptional quality deliverables for each project. The Project Manager of each project is responsible for project performance, schedule, and budget throughout the entirety of the project's lifespan. Project Managers often serve as the client's primary point of contact and ensure all designs are aligned with project goals, client expectations, complete, accurate, and integrated across disciplines.

In addition to the Project Manager, a Project Principal is assigned to act as back up to the Project Manager if the Project Manager is not available and as a quality assurance for the Project Manager. Communications are distributed to all by team members to provide additional back up and project continuity.

The following are potential areas of risk or challenges for any project. Arium ensures these activities are undertaken in a time-proven effective manner that reduces, mitigates, or eliminates risk.

Communication & Coordination Meetings

To establish a clear understanding of the project goals, and to establish open lines of communication, project kick-off meetings are scheduled for initial fact finding and client programming. Once design begins, formal review meetings are scheduled for the Concept, 60%, and Final milestones. They are attended by all members of the design team and are designed to ensure that all elements of the design are complete and work together so that the resulting project will be complete, useable, and provide real value to the client.

Project Schedules

Arium performs "on call" services for a variety of clients, and has developed a reputation of responsiveness and a keen ability to meet difficult schedules. The Project Manager is responsible for assessing interval progress and making adjustments necessary in order to keep the project on schedule. Arium utilizes Microsoft Project for identifying critical path items and other advanced scheduling needs.

Cost Control

Arium has fostered a sound foundation of cost estimating and cost control within the firm. Project Managers work closely with

designers throughout the project to ensure that the cost analysis remains accurate.

File Management Standards

Arium's follows a clear and concise documentation and filing standards for each of our projects. This standard allows for documents to be accessed efficiently in a predictable manner by any one of our staff members. Precise record keeping is important as Arium is the primary "go-to" designer of record for many of our client's facilities.

Drafting Standards

Arium has developed time tested set of drafting standards over the course of the last 30 years. As one of the earliest adopters of CADD, these standards have evolved over the course of thousands of projects. Because we work for many of the region's most demanding public and private sector clients, Arium is capable of tailoring our standards and deliverables to meet client demands.

Specifications

Like Arium's drafting standards, specifications have been tested on thousands of projects. These specifications are updated regularly to meet evolving code requirements.

Quality Assurance

Quality Assurance is the responsibility of the QAQC Manager for each project. One of the first steps in each project is the establishment of a Quality Assurance Plan. This plan is a roadmap that ensures each project will have a defined path for success based upon the client's scope, priorities, and schedule.

We Know the Region = More Efficient Permitting

Arium specializes in focusing on projects within the region, including Prince George's County. We believe that no other firm has as many permitted projects within the region in the last decade. Through repeated exposure, Arium is able to perfect its processes to ensure projects are delivered on time and within budget. The firm utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.



3. QUALIFICATIONS / STANDARD FORM 330

3. QUALIFICATIONS

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*)

Architectural/Engineering (A/E) Professional Services, City of Glenarden, Maryland

2. PUBLIC NOTICE DATE

April 25, 2022

3. SOLICITATION OR PROJECT NUMBER

RFP NO. 2022-01

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Brian Frels, AIA; Principal

5. NAME OF FIRM

Arium AE, LLC

ARIUM | AE

6. TELEPHONE NUMBER

410-730-2300

7. FAX NUMBER

410-730-2796

8. E-MAIL ADDRESS

brianf@ariumae.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Arium AE, LLC CHECK IF BRANCH OFFICE	5537 Twin Knolls Road, Suite 435, Columbia, Maryland 21045	Prime: Architecture, Interior Design, MEP Engineering
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	KCI Technologies, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	11830 W Market Pl, Suite F, Fulton, MD 20759	Civil Engineer, Landscape Architect Geotechnical Engineering, Surveyor, Construction Manager, Inspector
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	KCI Technologies, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	936 Ridgebrook Road, Sparks, MD 21152	Civil Engineer, Landscape Architect Geotechnical Engineering, Surveyor, Construction Manager, Inspector
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Greenman-Pedersen, Inc. (GPI Metro DC) <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3423 Olney-Laytonsville Road, Suite 6, Onley, MD 20832	Structural Engineering
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	 CHECK IF BRANCH OFFICE		
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	 CHECK IF BRANCH OFFICE		

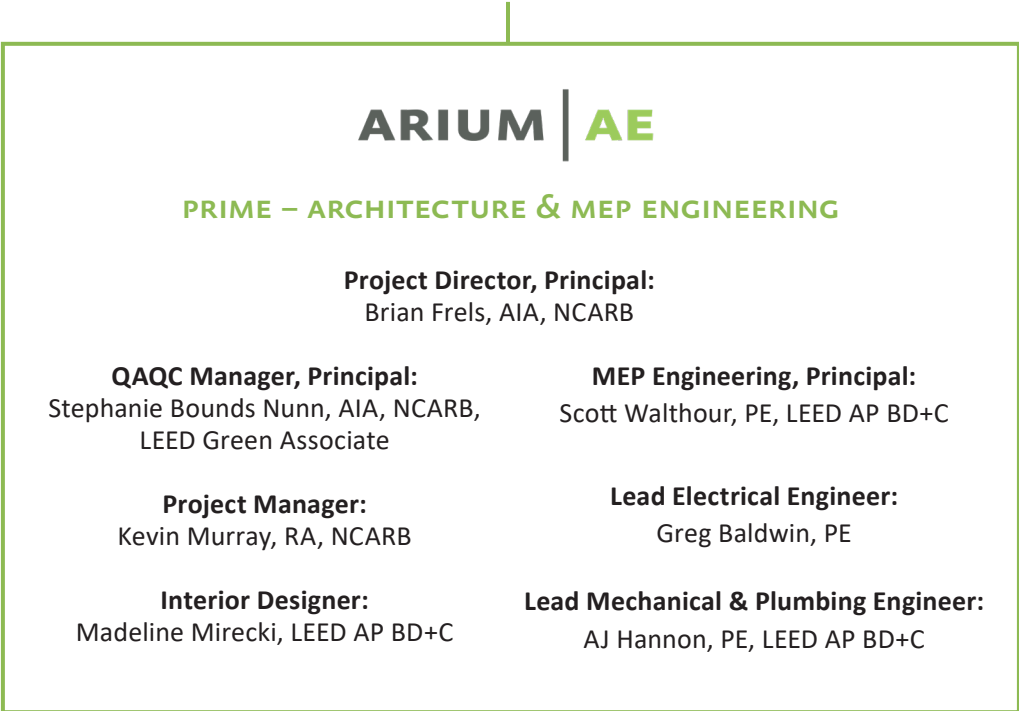
D. ORGANIZATION CHART OF PROPOSED TEAM ATTACHED

STANDARD FORM 330 (REV. 7/2021)

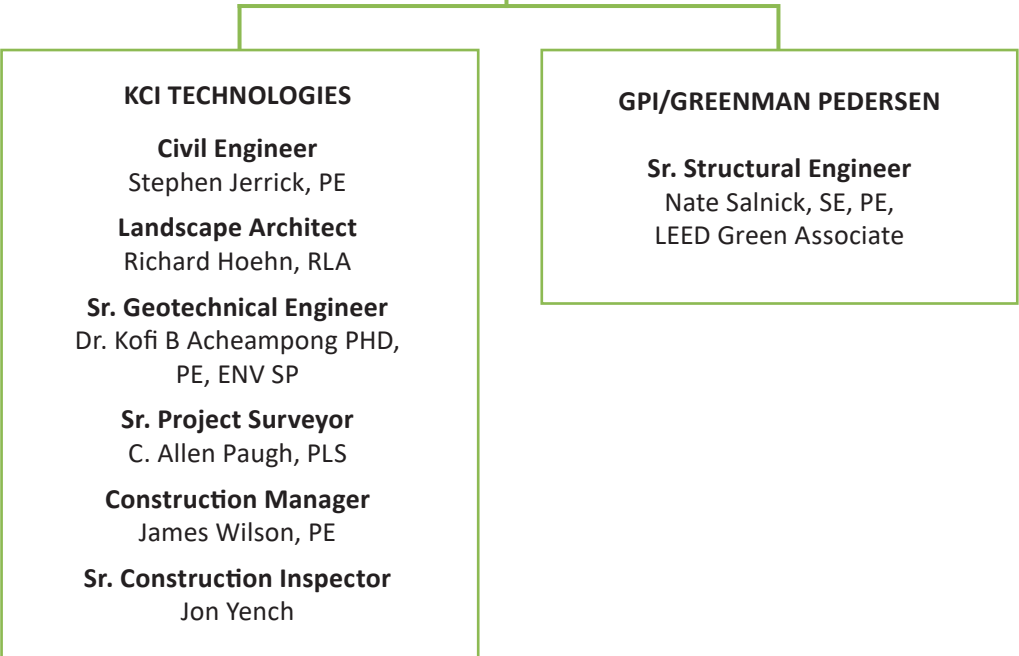
ORGANIZATION CHART

PROPOSED TEAM (FULFILLS SF-330 SECTION D)

CITY OF GLENARDEN, MARYLAND
ARCHITECTURAL / ENGINEERING PROFESSIONAL SERVICES



SUB CONSULTANTS



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian Frels, AIA, NCARB	13. ROLE IN THIS CONTRACT Project Director, Principal	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Master of Architecture, Texas Tech University, 2005 Master of Business Administration, Texas Tech University, 2005 Bachelor of Science in Architecture, Texas Tech University, 2004		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registered Architect: Maryland (#16605); Virginia (#0401017282); D.C. (#ARC200489)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Brian is a Principal at Arium AE and has 16+ years experience assisting clients on program driven educational, office, retail and government mission critical projects with unique requirements. He brings a keen sense of leadership to the team and has a sophisticated sense of both current trends and longstanding design principles influencing the built environment. Throughout his career, Brian has conducted extensive post-graduation research on the social workplace, knowledge share and Building Information Modeling. He has led a number of award winning design teams and has been an invited speaker both across the United States and abroad. Additionally, Brian is a certified Third Party Peer Reviewer for Prince George’s County and has led architectural reviews for a variety of projects across various scales and scopes.

Member, American Institute of Architects; National Council of Architectural Registration Boards, NCARB 2012 Certificate #73585; Certified Third Party Peer Reviewer for Prince George’s County; BBJ 40under40 Honoree 2018; Award of Excellence for “Best Tenant Fit-Out Flex” NAIOP 2016; 1st Place, Clarksville Commons Design Competition 2013; Award of Excellence for “Best Interior” and “Best Renovation” NAIOP 2022

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	Multi-Service Center, City of Laurel Laurel, MD	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
		<input checked="" type="checkbox"/> Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. Provided full architecture and MEP engineering design services for a 42,000 sq. ft. multi-service center for the City of Laurel. Task order from On-call contract.		
b.	Peer Reviews – Prince George’s County Peer Review Program Upper Marlboro, MD	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) Ongoing
		<input checked="" type="checkbox"/> Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect for peer reviews for projects ranging in size and scope throughout Prince George’s County.		
c.	Columbia Association Headquarters Columbia, MD	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
		<input checked="" type="checkbox"/> Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. Provided full Interior Design and Architectural design services for the Columbia Association’s new headquarters. The project area included one full floor and one half floor. The program required large Member Services areas, a large board room and conference room and open floor plan. Arium also assisted with the furniture selections for the offices and workstations, which enhance the corporate branded image.		
d.	Chesapeake Math and IT Public Charter School, South Elementary School Upper Marlboro, MD	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
		<input checked="" type="checkbox"/> Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QAQC Principal for a 60,000 square foot adaptive reuse of an existing single story flex building into an elementary school; grades K-5. Full AE design services were included. The latest project for CLF was to construct an elementary school that will feed into the established South Middle-High; including classrooms for core subjects, STEAM encore classes including robotics, gymnasium, and cafeteria.		
e.	Howard County Public Schools IDIQ Howard County, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
		<input checked="" type="checkbox"/> Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. On-call Architecture & Interior Design services for facilities projects at various Howard County public school projects. Included evaluation of ADA deficiencies.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stephanie Bounds Nunn, AIA, NCARB, LEED Green Associate	13. ROLE IN THIS CONTRACT QAQC Manager, Principal	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Bachelor of Architecture, Virginia Polytechnic Institute and State University, 2000		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registered Architect: Maryland (#14796); Virginia (#0401015713); North Carolina (#13665); Pennsylvania (#RA408360)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Stephanie is a Principal at Arium AE with 23+ years of architectural design experience. She manages and designs a range of projects including commercial office and retail space, government, SCIF, healthcare, and educational. Stephanie also takes a lead position in the new employee training programs and developing and maintaining the firm's technical and CAD standards. Additionally, Stephanie is a certified Third Party Peer Reviewer for Prince George's County. Stephanie is a certified LEED Green Associate. She has 11 years of experience with LEED ID+C and CI certifications and has 6 projects certified LEED within that time frame, including Gold and Silver.

LEED Green Associate #10530051 since 2010 ; Member, American Institute of Architects; National Council of Architectural Registration Boards, NCARB 2007 Certificate #63279; Certified Third Party Peer Reviewer for Prince George's County

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Sparksoft Corporate Office <i>Columbia, MD</i>	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. Provided full Interior Design and Architectural services for Sparksoft's corporate office, a 35,000 sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, modern office with multi-functional spaces and open collaborations areas with architectural branding elements throughout.		
b.	Peer Reviews – Prince George's County Peer Review Program <i>Upper Marlboro, MD</i>	2013	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect for peer reviews for projects ranging in size and scope throughout Prince George's County.		
c.	Howard County Public Schools IDIQ <i>Howard County, MD</i>	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. On-call Architecture & Interior Design services for facilities projects at various Howard County public school projects. Included evaluation of ADA deficiencies.		
d.	Columbia Association Headquarters <i>Columbia, MD</i>	2014	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QAQC Principal. Provided full Interior Design and Architectural design services for the Columbia Association's new headquarters. The project area included one full floor and one half floor. The program required large Member Services areas, a large board room and conference room and open floor plan. Arium also assisted with the furniture selections for the offices and workstations, which enhance the corporate branded image.		
e.	Chesapeake Math and IT Public Charter School, South Elementary School <i>Upper Marlboro, MD</i>	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect for a 60,000 square foot adaptive reuse of an existing single story flex building into an elementary school; grades K-5. Full AE design services were included. The latest project for CLF was to construct an elementary school that will feed into the established South Middle-High; including classrooms for core subjects, STEAM encore classes including robotics, gymnasium, and cafeteria.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Scott Walthour, PE, LEED AP BD+C	13. ROLE IN THIS CONTRACT MEP Engineering, Principal	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Master of Architectural Engineering, Penn State University, 2000 Bachelor of Architectural Engineering, Penn State University, 2000		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: Maryland (#31532); District of Columbia (#PE901760); Pennsylvania (#PE076213); Virginia (#039857); Delaware (#17953); West Virginia (#20611); North Carolina (#44351); Texas (131890).	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Scott is a Principal at Arium AE. He has been with the firm since 2005, having spearheaded the creation of the engineering department. He has broad experience in solving complex problems across a variety of project types. He has risen to a high point of influence in his field due to his unique skills and contributions to ASHRAE and ASME. In 2015, Scott received a SMARTCEO FUTURE 50 award for his leadership in the industry. Scott is responsible for all engineering projects, management, and the daily operations of the firm. He brings deep wealth of knowledge of design experience to engineering a diverse set of projects including educational, commercial office, laboratory, healthcare, and retail. He is a Green Globe, LEED and Energy Star Certified professional.

LEED Accredited Professional; Member, American Society of Mechanical Engineers; Member, American Society of Heating, Refrigerating and AC Engineers; Member, US Green Building Council; Certified Third Party Peer Reviewer for Prince George's County

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Peer Reviews – Prince George's County Peer Review Program <i>Upper Marlboro, MD</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for peer reviews for projects ranging in size and scope throughout Prince George's County.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School South Middle-High School <i>Upper Marlboro, MD</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (If applicable) 2015-2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for a 100,500 square foot adaptive re-use for middle and high school, grades 6 -12. Full AE design services were included. The county gave CLF another charter to create a new middle/high school after success in 2013. The design consisted of house classrooms, labs, full size gymnasium, cafeteria, indoor soccer field, and auditorium. Project was completed in two phases to align with the progression/expansion of the high school population.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) MICA Print Shop Relocation - Phase I <i>Baltimore, MD</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story building. Phase I design was for multiple large studio classrooms with support space for labs (etching, dark room, washout, papermaking, printing, computers). Gallery space and staff and professor suite were part of the program. The project included a major HVAC renovation for fresh air and ventilation. 15,000 sq. ft.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School <i>Laurel, MD</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for new building construction along interior build-out for a 78,140 square foot high school. Full AE design services were included including finish selections and coordination of efforts of consultants for structural and civil. The project was broken into phases to fast track permit approvals. The program consisted of classrooms, robotics labs, physics, chemistry and biology labs, a full size gymnasium, media center, and all other support areas needed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Peer Review – Thomas Stone Elementary School Renovation <i>Mt. Rainier, MD</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for a peer review for the renovation of an existing elementary school. The project focused on converting open pod suites into traditional classroom configurations. Electrical and mechanical systems were also updated. The project consisted of four rounds of review and assistance provided to the design team.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kevin Murray, RA, NCARB	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Master of Architecture, The Catholic University of America Master of Science in Sustainable Design, The Catholic University of America Bachelor of Arts, Art History, Gettysburg College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registered Architect: Maryland (#19092)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Kevin is a Senior Project Manger at Arium AE. He has more then 10 years of experience in the architectural industry and has various experience working on government, commercial office, SCIF, retail, industrial, restaurant, and educational projects. Kevin is very detail oriented and strives to design in a simple and effective manner, while focusing on fulfilling the needs of the project and addressing the concerns of sustainability. Kevin is spearheading the firms building information modeling efforts.

Kevin is NCARB Certified.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	St. Martin's-in-the-Field Episcopal School - Building Addition, Severna Park, MD	2017-2018	2018-2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Architect/Project Manager for a 7,600 square foot building addition to the structure to house the middle school grades, as well as a science and art classroom. Full AE Design Services were included. The design balanced the needs of the growing school population and the established church parish that would share portions of the facility. Site constraints and planning for occupancy of adjacent areas during construction were also important factors on the ultimate design.		
b.	Chesapeake Math and IT Public Charter School, South Elementary School Upper Marlboro, MD	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Architect for a 60,000 square foot adaptive reuse of an existing single story flex building into an elementary school; grades K-5. Full AE design services were included. The latest project for CLF was to construct an elementary school that will feed into the established South Middle-High; including classrooms for core subjects, STEAM encore classes including robotics, gymnasium, and cafeteria.		
c.	Leidos Relocation, Interior Renovation Gaithersburg, MD	2019	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Multi-phase interior renovation valued at \$14M. Provided full architecture and engineering services for the renovation of approx. 180,000 SF of a 300,000 SF building. Project consists of two phase office space, public areas, secure space and data center.		
d.	Chesapeake Math and IT Public Charter School, North High School Laurel, MD	2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Architect/Project Manager for new building construction along interior build-out for a 78,140 square foot high school. Full AE design services were included including finish selections and coordination of efforts of consultants for structural and civil. The project was broken into phases to fast track permit approvals. The program consisted of classrooms, robotics labs, physics, chemistry and biology labs, a full size gymnasium, media center, and all other support areas needed.		
e.	Maryland Institute College of Art, Various Projects Baltimore, MD	2017	ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Architect, 100,000 SF+ various project providing full AE design services for classrooms, offices, and education areas.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Madeline Mirecki, LEED AP BD+C	13. ROLE IN THIS CONTRACT Interior Designer	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 27
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Architecture, University of Maryland		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

After 27 years with Arium AE, Madeline, a Senior Associate and Interior Designer, has substantial architectural and interior design experience managing commercial office projects. She regularly provides design leadership on some of Arium's most complex office interior fit-outs.

In addition to having designed hundreds of interior offices, she has designed secured spaces, some on very tight schedules. Clients appreciate her ability to transform their needs and desires into functional and timeless solutions within a modest budget.

Madeline is a LEED Certified professional.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Tenable Headquarters Columbia, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Interiors. Provided full Interior Design, Architecture, and MEP Engineering design services for the 150,000 SF, six floors tenant fit-out with exterior terrace. The interior architecture embodies Tenable's desire to have each floor feel different from the next and to give different work areastheir own identity. Breaking traditional corporate office architecture molds by challenging all that is typical, the design creates a unique collaborative work environment.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Columbia Association Headquarters Columbia, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectural design services for the Columbia Association's new headquarters. The project area included one full floor and one half floor. The program required large Member Services areas, a large board room and conference room and open floor plan. Arium also assisted with the furniture selections for the offices and workstations, which enhance the corporate branded image.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Sparksoft Corporate Office Columbia, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectural services for Sparksoft's corporate office, a 35,000 sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, modern office with multi-functional spaces and open collaborations areas with architectural branding elements throughout.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Authority Brands Columbia, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design, Architecture, and MEP engineering design services for the Authority Brands' corporate office. The contemporary office space is designed with a modern neutral palette and expansive exposed ceilings. Flexible on-demand meeting spaces of various sizes were employed throughout and fitted with full-glass fronts and acoustical ceiling accents.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Global Technology Company (Confidential) Northern Virginia	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Interior Designer, Multiple projects, Second Generation Tenant Fit-up, Class A Office, 2,500 SF to 20,000 SF projects, secure/SCIF suite, full AE design services.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Greg Baldwin, PE	13. ROLE IN THIS CONTRACT Lead Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Mechanical Engineering, University of Maryland College Park		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: Maryland (#32985); District of Columbia (#PE909204); Virginia (#402057514)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Greg is an Associate at Arium AE. He has more than 15 years of experience and has been with the firm since 2011. As a professionally licensed Electrical Engineer, he has worked on a large variety of projects, which provides him a broad range of knowledge in energy efficiency, power distribution, life safety applications and sustainable designs.

Greg is a Certified Third Party Peer Reviewer for Prince George's County.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Peer Reviews – Prince George's County Peer Review Program <i>Upper Marlboro, MD</i>	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Electrical Engineer for peer reviews for projects of varying sizes and scope throughout Prince George's County.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Leidos Relocation, Interior Renovation <i>Gaithersburg, MD</i>	2019	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Electrical Engineer. Multi-phase interior renovation valued at \$14M. Provided full architecture and engineering services for the renovation of approx. 180,000 SF of a 300,000 SF building. Project consists of two phase office space, public areas, secure space and data center.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Lockheed Martin <i>Various Locations</i>	2017	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Electrical Engineer. Provided full AE design services for various scale and scopes of projects from 2,000 SF to 100,000 SF with quick turn- around, restricted access and high levels of technology integration.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Chesapeake Math and IT Public Charter School, North High School <i>Laurel, MD</i>	2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Electrical Engineer for new building construction along interior build-out for a 78,140 square foot high school. Full AE design services were included including finish selections and coordination of efforts of consultants for structural and civil. The project was broken into phases to fast track permit approvals. The program consisted of classrooms, robotics labs, physics, chemistry and biology labs, a full size gymnasium, media center, and all other support areas needed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Howard County Public Schools IDIQ, <i>Howard County, MD</i>	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Electrical Engineer. On call professional services for facilities projects at various Howard County public school projects. Included evaluations in ADA deficiencies.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alexander (AJ) Hannon, PE	13. ROLE IN THIS CONTRACT Lead Mechanical & Plumbing Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Mechanical Engineering, University of South Carolina, 2011		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: Maryland (#41866)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

AJ is an Associate at Arium AE. He has more than 11 years of experience and is well versed in the design of HVAC and plumbing for a multitude of applications including, but not limited to, commercial office, SCIF, retail, industrial, data centers, restaurants, and educational. His engineering approach is systematic, but tailored to meet each individual project's specific needs. While also focusing on building systems as a whole, he is able to obtain an all-inclusive, elegant design that is user friendly and balances cost-effectiveness and energy consciousness.

Associate Member of ASHRAE; Certified Third Party Peer Reviewer for Prince George's County

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	Peer Reviews – Prince George's County Peer Review Program Upper Marlboro, MD	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Mechanical Engineer for peer reviews for projects of varying sizes and scope throughout Prince George's County.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Leidos Relocation, Interior Renovation Gaithersburg, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Mechanical Engineer. Multi-phase interior renovation valued at \$14M. Provided full architecture and engineering services for the renovation of approx. 180,000 SF of a 300,000 SF building. Project consists of two phase office space, public areas, secure space and data center.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	St. Martin's In-The-Field Episcopal School - Building Addition, Severna Park, MD	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) 2018-2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer for a 7,600 square foot building addition to the structure to house the middle school grades, as well as a science and art classroom. Full AE Design Services were included. New mechanical systems for the addition as well as utility upgrades serving the new and existing spaces. The design balanced the needs of the growing school population and the established church parish that would share portions of the facility.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Chesapeake Math and IT Public Charter School, South Middle-High School Upper Marlboro, MD	PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (If applicable) 2015-2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Mechanical Engineer for a 100,500 square foot adaptive re-use for middle and high school, grades 6 -12. Full AE design services were included. The county gave CLF another charter to create a new middle/high school after success in 2013. The design consisted of house classrooms, labs, full size gymnasium, cafeteria, indoor soccer field, and auditorium. Project was completed in two phases to align with the progression/expansion of the high school population.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Howard County Public Schools IDIQ, Howard County, MD	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Mechanical Engineer. On call professional services for facilities projects at various Howard County public school projects. Included evaluations in ADA deficiencies.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME STEPHEN JERRICK, PE	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Fulton, MD

16. EDUCATION (Degree and Specialization) BS / 2002 / Civil Engineering / Virginia Polytechnic Institute and State University	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PE / MD / 35792 / 2010
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Mr. Jerrick is a registered professional engineer with experience providing civil engineering design and consulting services for public clients. He has managed several Baltimore County on-call contracts and provided design and project management for over 50 county task order assignments. He can provide total project consulting services from the development of a preliminary project scope and budget all the way through design, permitting and construction. He has prepared feasibility studies, cost estimates, design concepts, construction documents and provided construction administration services. He has also served as a liaison for county, federal, state and local agencies including the Maryland Department of the Environment (MDE), The Critical Areas Commission (CAC), and Baltimore City.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Cherryvale NBHD Park Retrofit, Maryland-National Capital Park and Planning Commission, Beltsville, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 x Check if project performed with current firm
Civil / Site Engineer. Mr. Jerrick led all civil engineering tasks and oversaw development of construction and permitting documents. Additionally, he provided construction administration support.

b. (1) TITLE AND LOCATION (City and State) Duvall Field Park, City of College Park College Park, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 x Check if project performed with current firm
Project Manager. KCI is currently providing landscape architectural and civil engineering services for Duvall Field Park in College Park, MD. The seven-acre park is being renovated with both active and passive recreational amenities as well as enhanced vehicular and pedestrian circulation. Improvements include renovated natural turf athletic fields and ball diamonds, playgrounds for ages 2-5 and 5-12, multi-purpose sports courts (pickleball, volleyball), a picnic pavilion, comfort stations, exercise stations, a stage area with lawn seating for public gatherings, a storage building, LED parking lot and field lighting and landscaping improvements. Mr. Jerrick is the project manager for the conceptual and detailed design of a seven-acre park in College Park, MD. Park renovations include natural turf fields, ball diamonds, playgrounds, walking trail, multi-purpose sports courts, picnic pavilion, lawn seating and stage area and exercise stations. Management responsibilities include client coordination, development of a project and permit schedule, sub-consultant coordination and design coordination. Includes the preparation of stormwater management concept plan, final stormwater management/fine grading plan, an erosion and sediment control plan, natural resource inventory (NRI) and forest conservation exemption, utility plan and profiles for storm drain/water/electric and detailed engineering cost estimating. Permit support will be provided with both state and county agencies.

c. (1) TITLE AND LOCATION (City and State) Forestville Warehouse, Prologis, District Heights, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 x Check if project performed with current firm
Project Manager. KCI is providing Civil, survey, structural, electrical, traffic, stream restoration and environmental services for the construction of a new 280k square foot warehouse located at 3700 Forestville Road. The project includes a new 280k warehouse and 700 parking spaces served by electrical charging stations. Frontage improvements along Forestville Road and modifications to the Pennsylvania Avenue/Forestville Road intersection. Approximately 400 linear feet of stream restoration will be included in the project. Jerrick led all civil engineering tasks and oversaw development of construction and permitting documents.

d. (1) TITLE AND LOCATION (City and State) K9 Center / Indoor Shooting Range, Prince George's County, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 x Check if project performed with current firm
Project Manager. Mr. Jerrick led all civil engineering tasks and oversaw development of stormwater plans, sediment control plans, water/sewer plans, grading design, construction, and permitting documents.

e. (1) TITLE AND LOCATION (City and State) Laurel Readiness Center Parking Improvements, Maryland Department of General Services, Laurel, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 x Check if project performed with current firm
Project Manager. Mr. Jerrick currently serves as the civil engineering supervisor and client liaison for the construction of a new military vehicle parking compound for the MD Army National Guard.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME RICHARD HOEHN, RLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION (City and State)
KCI Technologies, Inc., Sparks, MD

16. EDUCATION (Degree and Specialization) BS / 1985 / Landscape Architecture / University of Wisconsin	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) RLA / MD / 931 / 1990 RLA / NJ / 21AS00112100 / RLA / PA / LA002537 / 2003
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Hoehn is a landscape architect with professional registrations in Maryland, Pennsylvania and New Jersey. He has extensive project management, project design and construction period services experience across a wide-variety of project types/market sectors. Involved with projects from conceptual design through construction, he focuses on contextually sensitive site design solutions that consider open space and site amenities as key ingredients toward a project's successful usability and aesthetic outcomes.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. Millard Cooper Park, Sykesville, MD	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. KCI will create a site layout plan for ADA handicap accessible sidewalk along the Western Side of Millard Cooper Park Utilizing GIS topographic information gathered from Carroll County open data website. KCI will begin the sidewalk at the beginning of Millard Cooper County Park and continue north to the existing restroom facility.		
b. Frederick Trail, Frederick County Frederick County, MD	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. KCI is providing surveying, geotechnical, environmental, site/civil, structural and hydraulic engineering services for the construction of a new 10' asphalt, multi-use trail along the existing railroad line. The trail will have two crossings, one over the stream with approximate 150' span and a second, over the Monocacy River, with a 450' span and one bridge pier. The bridges will be prefabricated pedestrian bridges. KCI will also provide bid support and construction administration.		
c. Duvall Field Park, City of College Park, College Park, MD	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. KCI is currently providing landscape architectural and civil engineering services for Duvall Field Park in College Park, MD. The seven-acre park is being renovated with both active and passive recreational amenities as well as enhanced vehicular and pedestrian circulation. Improvements include renovated natural turf athletic fields and ball diamonds, playgrounds for ages 2-5 and 5-12, multi-purpose sports courts (pickleball, volleyball), a picnic pavilion, comfort stations, exercise stations, a stage area with lawn seating for public gatherings, a storage building, LED parking lot and field lighting and landscaping improvements.		
d. Washington Gateway Warehouse, Prince George's County, MD	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. KCI provided site/civil engineering, electrical engineering, environmental engineering, geotechnical engineering and survey services engineering for an approximately 172,000 square foot shell building on a 17.90-acre property located on the southwest corner of Columbia Park Road and Cabin Branch Road. KCI completed a new floodplain study to analyze the existing conditions and correct flaws in the existing floodplain study that were identified by Prince George's County. KCI designed the site to accommodate 800 electrically charged van parking spaces with both onsite parking and through the design of a 700-car van parking lot on the adjoining 20-acre site. As a part of this project, KCI designed a new traffic signal intersection, upgrade of three adjoining intersections and interconnected the intersections to optimize timing. Upgraded landscaping was provided to benefit the adjoining residential neighborhood.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME DR. KOFI B ACHEAMPONG PHD, PE, ENV SP	13. ROLE IN THIS CONTRACT Senior Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD

16. EDUCATION (Degree and Specialization) PhD / 1996 / Civil & Environmental Engineering (Geotechnical Engineering) / University of Massachusetts MS / 1990 / Civil Engineering (Structural Engineering) / Technion-Israel Institute of Technology BS / 1985 / Civil Engineering / University of Science and Technology, Ghana	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PE / CT / 0022321 / 2001 PE / DC / 905863 / 2010 PE / DE / 17842 / 2012 PE / FL / 76517 / 2013 PE / MD / 54247 / 2006 PE / NC / 041238 / 2014 PE / PA / 079014 / 2011 PE / SC / 31607 / 2014 PE / VA / 0402048517 / 2011
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Dr. Acheampong has extensive experience in geotechnical, pavement, geological, structural, dam and civil engineering, design/build experiences that includes analysis, design and preparation of specifications, and constructible innovation in both the private and public sectors. He has multidisciplinary technical background in geo-forensics, geo-structures and geo-environmental, and has performed subsurface investigations and in-situ testing, shallow and deep foundations, ground improvements, slope stability, and retaining walls design. He has expertise in site-specific geologic and seismic hazard evaluations and liquefaction analysis. With expertise in structural and geotechnical, he brings unique insights into complex ground and foundation problems; and by integrating construction knowledge and experience into the design process has proved invaluable in developing creative and value-engineered solutions for several projects. He has demonstrated leadership competencies by fostering team building and effective project delivery for counties, states, and federal agencies.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Horizontal Engineering AE Design and CM Services, Prince George's County, MD	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer. Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services. Piscataway Drive Slope Stabilization Geotechnical Studies, Transportation Design and Construction Management: This project involves repair of a major slope failure that left 26 homes without access. Dr. Acheampong was responsible for subsurface explorations and preliminary geotechnical evaluations for repairing the approximately 1,500-foot section of failing slopes and ground movements along Piscataway Drive. Dr. Acheampong's team performed 15 soil test borings, 10 cone penetration tests; and installed one piezometer to explore the subsurface conditions. Six inclinometers were installed to monitor ground movements. Preliminary site evaluations, analyses and review of historic information, showed that the existing Marlboro Clay stratum, coupled with rapid rainfall made the site susceptible to slope failures. KCI's team designed driven H-piles to stabilize the slope and the roadway, and monitored the installed instrumentation during construction.	x Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Ellicott City Main Street Improvements (CA 23-2013), Howard County Ellicott City, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer. KCI provided engineering and design services for the proposed improvements to Main Street. KCI is providing field survey, field reconnaissance services, utility research / designation and survey, and laser scanning survey and mapping for the entire reach of Ellicott City Main Street encompassing five sites. This task also includes 65% and 95/100% design services for the second site, including field survey, field investigation, geotechnical boring, engineering analysis and design, and preparation of design drawings and documents. Mr. Acheampong performed two soil auger probes to visually classify the soil and determine short-term ground water conditions at the Main Street Improvement Site to support the SWM design and construction documents.	x Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Prince George's County Storm Drain Inventory Field Verification (Phase III) (S10-029), Prince George's County Prince George's, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Manager. KCI provided support to Prince George's County by facilitating assistance in the continuation of the storm drain inventory and condition assessment; supported the County by oversight of multiple consultants performing data capture; provided continuous support for maintenance of data collection application, dashboards, and collaboration, and provided quality control of submitted storm drain features from all consultants involved.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME C. ALLEN PAUGH, PLS	13. ROLE IN THIS CONTRACT Senior Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 44	b. WITH CURRENT FIRM 36

15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Fulton, MD

16. EDUCATION (Degree and Specialization) AA / 1982 / Surveying Technology / Catonsville Community College AA / 1979 / General Studies / Essex Community College	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PLS / MD / 475 / 1989 LS / WV / 917 / 2019
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Paugh organizes and coordinates the work of personnel engaged in surveying, checks the accuracy of the work, and estimates field survey costs. Mr. Paugh is skilled in the preparation of large topographic and boundary surveys, and computations for GPS surveys. His expertise includes the ability to verify existing legal descriptions of properties, and he provides accurate depiction of easements and right-of-ways, existing utilities and roadways, topography, wetlands, significant structures and facilities on site as required to support general site development.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. Flood Elevation Surveys and Certificates (CA 08-29), Howard County Howard County, MD	2021	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. KCI had an open-end contract with Howard County to supply elevation certificates for any home owner or commercial business in Howard County. To date, KCI completed approximately 300 individual elevation certificates throughout all regions of the county.	x Check if project performed with current firm	
b. Horizontal Engineering AE Design and CM Services (PGCo 2010-2020) (S10-029), Prince George's County Prince George's County, MD	7/1/2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Surveyor. Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services.	x Check if project performed with current firm	
c. Indoor Firearms Range, Smolen - Emr - Ilkovitch Architects Upper Marlboro, MD	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Surveyor. KCI is providing site/civil and geotechnical engineering, surveying, and resource management services for the design of an indoor firearm range to be master planned on a 133-acre site off of Ritchie Marlboro Road. The facility will include multiple length firing lanes each with capture and containment equipment, assorted sizes of academic training rooms equipped with electronics for visual and audio presentations, lighting systems for 24 hour per day use, lunch room, instructor suites and appropriate parking, exterior lighting, security fencing and gates, storm drainage, water, sewer, communications, stormwater, and landscaping. Also included is a natural resources inventory/forest stand delineation and forest conservation plan. Geotechnical borings to a depth of 30' for the building and six others for stormwater management facilities. Plans will be submitted to the architect electronically at the combined schematic/design development, 50%, 95% and 100% construction documents, bidding phase, construction administration phases. KCI will prepare plans for submission to DPIE, M-NCPPC, and WSSC. Mr. Paugh provided site survey for the 30 acres of disturbed area and surrounding area and completed a full boundary survey. Plats and easement documents were prepared and used by the design team for permitting.	x Check if project performed with current firm	
d. Jesse Warr Recreation Center ADA Compliance Study, Maryland-National Capital Park and Planning Commission (PG) Hyattsville, MD	2019	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Surveyor. In order to obtain a Permanent Use and Occupancy Permit, DPIE required an as-built drawing showing ADA Compliance with the Maryland Accessibility Code 2012, from the handicap parking, along the concrete sidewalk and up the concrete pathway with a portion having handrails leading to the main entrance of the building. KCI conducted field topographic surveys of each panel of sidewalk on the site and used cross slopes and running slopes with a "Smart Level" to determine compliance. Designs were prepared for the new walks and ramps to be constructed in compliance with MAC 2012 regulations.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME JAMES WILSON, PE	13. ROLE IN THIS CONTRACT Construction Manager	14. YEARS EXPERIENCE	
		a. TOTAL 42	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD			
16. EDUCATION (Degree and Specialization) MS / 1984 / Civil & Environmental Engineering, Structural Engineering Emphasis / University of Maryland BS / 1980 / Civil Engineering / University of Maryland		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PE / MD / 14048 / 1984 USACE Construction Quality Management for Contractors (CQM)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 With more than 40 years of experience as an engineering manager and registered professional engineer with consulting firms as well as three different public works agencies (MDOT SHA, Howard County DPW, and Prince George's County DPW&T) Mr. Wilson has diversified and extensive experience delivering quality projects. Mr. Wilson's responsibilities include design and construction of roads, bridges, drainage systems and stormwater facilities. His construction experience also includes water and sewer facilities, buildings, parks and recreation facilities and a golf course. As a construction manager, he has been responsible for all phases of contract administration including shop drawings; RFI; progress meetings; project records management; invoicing and billing; change orders; as built drawings; and close outs. As a construction project manager he has been responsible for project schedules, budgets, quality assurance and conflict and claim resolution. In the role of providing quality control, he has been responsible for a materials testing lab, plant inspections, on site materials testing, direct inspection of the construction to ensure compliance with the approved plans and specifications. Mr. Wilson is a former Chief, Highways and Bridge Division with Prince George's County responsible for the design and construction of the county bridges under the Federal Aid Bridge program.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Annopolis Harbour Center Pond Retrofit, Anne Arundel County, MD	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. The purpose of this project was to retrofit the existing stormwater management pond at the Annapolis Harbour Center to meet Anne Arundel County's objectives to improve water quality treatment based on the County's and the State of Maryland's nutrient reduction and impervious area treatment goals. In Mr. Wilson's role as project construction manager, he is leading meetings, preparing minutes, coordinating between stakeholders, and solving job site problems.		
b.	Brandywine Highway Maintenance Facility, Prince George's County, MD	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Contract Manager. Under an on-call contract with the county, KCI is providing construction management services for the new facility which consists of three buildings: a salt storage building with a capacity to store 10,000 tons of salt; a maintenance building consisting of a wash bay, a vehicle maintenance garage, bunk rooms, and office space; and a storage shed. As Contract Manager, Mr. Wilson served as liaison between KCI and the County to ensure that KCI's work products and deliverables complied with applicable standards and other appropriate guidelines. He assigned and allocated KCI's resources, and coordinated the utilization of personnel with other contracts.		
c.	Horizontal Engineering AE Design and CM Services (PGCo 2010-2020) (S10-029), Prince George's County Prince George's County, MD	7/1/2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Contract Manager. Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services. As Contract Manager, Mr. Wilson maintained the overall authority and responsibility for the execution of the contract. He was responsible for administration and coordination of activities required for the successful administration of the contract. Mr. Wilson ensures that KCI's work products and deliverables comply with applicable standards and other appropriate guidelines. He also assigns and allocated KCI's resources, and coordinates the utilization of personnel with other contracts.		
d.	Construction Management Services for Systemic Renovation Projects in the FY-2017 Capital Improvement Plan (PGCPS), Prince George's County Public Schools Prince George's County, MD	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager.. As Project Manager, Mr. Wilson served as liaison between KCI and the County to ensure that KCI's work products and deliverables complied with applicable standards and other appropriate guidelines. He assigned and allocated KCI's resources, and coordinated the utilization of personnel with other contracts.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME JON YENCH	13. ROLE IN THIS CONTRACT Senior Construction Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) MDE Erosion and Sediment Control Responsible Personnel OSHA 10-Hour Training OSHA Confined Space Entry Training SHA ADA ADA Compliance Awareness NETS Radiation Safety Officer ACI Concrete Field Testing Technician - Grade I	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Yench has more than 17 years of extensive experience in construction management, inspection and testing, including responsibilities for inspection documentation, document control (correspondence, submittals, RFIs, and punch list development and tracking), and project close-out documentation. His experience with KCI has included both public and private sector clients, and includes projects with Howard County CID, the U.S. Army Corps of Engineers and U.S. Army Medical Command. Mr. Yench has also been responsible for managing KCI's training program for entry-level technicians which involved training in the testing of soils, aggregates, asphalt and concrete.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Brooklyn Park Complex, Anne Arundel County Anne Arundel, MD	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
a. Senior Construction Inspector. KCI is providing Owners Representative service to the Anne Arundel County Department of Recreation and Parks for the improvement for the sports facility at Brooklyn Park Middle School, a project partnered with the Cal Ripken Foundation. This new park complex for Anne Arundel County is in Brooklyn, Maryland. The project starts with the removal of the existing outdated sports facilities. The new park will have artificial turf multi- sport athletic field with stadium seating and scoreboards, a new track and field complex, field lighting, concession, stands, and other related facilities. The project is still in the development phase. KCI has provided multiple constructability reviews that included site visits, document reviews and utilization of drone video allowed the project team to evaluate proposed improvements with existing conditions. Drone video was taken and supported with a Go Pro camera. KCI also provided cost estimating and participated in the discussions with the contract team about budget and schedule. KCI's continued services will include construction contract management including schedule review, contractor invoice and payment verification, coordination between the Contract Team and the County, Construction quality control, will include onsite inspection, performance monitoring, independent review of work quality and contractor compliance with specifications. Ongoing construction progress monitoring and quality oversight will include regular drone imaging.		
(1) TITLE AND LOCATION (City and State) Construction Inspection, Engineering & Administrative Services On-Call Contract (2016-2020), Howard County Howard County, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
b. Construction Inspector. KCI provided construction inspection services for a seventh consecutive, five-year open-end contract involving capital and developer projects such as roadway and drainage projects. The work efforts include field inspection and report documentation, photographic documentation and videotaping, preparation of as-built drawings, construction management services and claims analysis, material testing and analysis, and laboratory testing and analysis for soils and concrete. Services are performed in accordance with the Howard County Design Manual, all applicable codes, and local, State, and National design standards. Mr. Yench was assigned to the Howard County Construction Division to provide Construction Inspection on Capital and Developer projects as assigned by the CID. He assured the contractor and developer sit construction compliance to fit County standards as established in the Howard County Design Manual, Volume IV. The CID inspection ensured that capital and developer projects were constructed in accordance with the contract documents which included written agreements, approved plans, and specifications. Mr. Yench's inspections included a number of construction improvements; capital projects; developer projects; large diameter pipe plumbing; underground utility installations; inspection of construction improvements to roads; bridges; utilities, and grass areas, all of which were located outside of residential or commercial. buildings. The Capital projects included improvements to transportation, park, water, and wastewater projects. These projects included: bridges; parks; roads; sidewalks; stormwater management facilities; water distribution systems; wastewater collection systems; elevated water tanks, and pumping facilities. As for the Developer projects Mr. Yench worked on, they were managed by private entities to construct housing or businesses. These projects included residential neighborhoods, commercial areas for retail business use, and industrial areas for the purpose of manufacturing or processing. Construction on these projects often included roads and utility systems that were dedicated to public use as well as site grading and stormwater management facilities.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Nate B. Salnick, SE, PE, LEED Green Associate	13. ROLE IN THIS CONTRACT Senior Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION *(City and State)*
GPI/Greenman Pedersen, Inc., GPI Metro DC Branch Offices



16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BAE / Architectural Engineering, Structural Option MAE / Architectural Engineering, Structural Option	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Licensed in DC, MD, VA, AK IA, IL, ND, NV, PA, OR, UT, VT, WA // Professional Engineer
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Nate Salnick has worked on a diverse range of project sizes, building uses, and structural framing systems, ranging from the renovation of historic structures to new mid-rise buildings. Nate achieved the LEED Green Associate credential in 2011 and leads Holbert Apple Associates' efforts in the area of environmentally sustainable design and LEED requirements. Nate is also active in the American Society of Civil Engineers, the American Institute of Steel Construction, the American Concrete Institute, and the U.S. Green Building Council. He is currently a Board Member of the Structural Engineers Association of Metropolitan Washington D.C. and serving on the SEA-MW SEER Committee.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	National Institutes of Health - Building 10 ACRF – Vault 11 Bethesda, Maryland	2014	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineering/Project Manager for major upgrades to an existing electrical room located on Level 14 in the massive NIH Building 10 building complex. The project consisted of surveying the existing structural conditions and analysis of the existing Level 14, 15, and roof cast-in-place concrete structures to support and accommodate the installation of new electrical equipment (weighing from 1,500 lbs. to 28,000 lbs.). A new structural steel framing platform was designed and detailed at Level 15, to infill an existing open two-story space and to support four new electrical transformers (weighing approximately 15,000 lbs. each).		
b.	Federal Bureau of Prisons – 2nd through 5th Floor Renovations Washington, D.C.	2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineering Project Manager for the renovation of the 2nd through 5th Floors. The structural scope included analysis of the existing structure to support additional load from safes, various equipment, storage areas, and several large high-density filing systems.		
c.	Charles River Laboratories - Multiple Renovation Projects Kingston, New York	2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineering Project Manager for multiple renovation projects at a large research facility. The projects generally included support of new mechanical and electrical equipment on the existing building slab-on-grade, on new exterior concrete pads, on new interior and exterior mezzanines, and on existing roof structures. Some projects included cutting of new roof and wall openings and infilling of existing openings. One (1) project included a small building addition.		
d.	XC Corp Office Building Stafford, Virginia	2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineering Project Manager for this new three (3) story, 30,000 sq. ft. office building. Under a separate contract, tenant fit-out services were provided which included support of multiple operable partitions, UPS systems in the data center, and extensive light gauge framing for multi-level ceiling soffits at a large conference center.		
e.	U.S. Food & Drug Administration - 4th through 7th Floor Renovations Beltsville, Maryland	2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineering Project Manager for the renovation of the 4 th through 7 th Floors. The structural scope included analysis of the existing structure to support a hung operable partition, various equipment, storage areas, and several large high-density filing systems.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION <i>(City and State)</i> Multi-Service Center, City of Laurel IDIQ, Laurel, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION 2022-TBD

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Laurel, Sub to KCI Technologies	b. POINT OF CONTACT NAME Stephen Jerrick	c. POINT OF CONTACT TELEPHONE NUMBER 410-792-8086 Stephen.Jerrick@kci.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Relevance:

- **Project in Prince George's County**
- **On-Call Services**
- **Architectural Design Services**
- **MEP Engineering Design Services**
- **Public Facility**

Project Delivery Method:	Design-Bid-Build
Square Footage:	42,000
Project Duration:	2021-2022
Value:	\$TBD

Project Summary:

Arium AE is providing full architecture and MEP engineering design services for a 42,000 sq. ft. multi-service center for the City of Laurel. This is a task order from an On-call contract. Arium is a sub-consultant to prime, KCI Technologies.

This 2-phased project involves converting an existing fitness center/gym into a multi-service center serving needs of a transient population as well as a community center/gym. This community center is intended to be operated independently. Phase I includes creating a separate community gym that includes the gym itself, a multipurpose room, a reception area, a storage room and restrooms serving the space. A new exterior entry to the gym will be required. Sprinklers will be added to the gym as well as the remaining portions of the building. HVAC systems in the space will be replaced as required. A new roof will replace the existing roof over the gym addition to the building. The parking lot will be modified to provide dedicated service to the gym and screen the adjacent building use. The goal of the first phase is to get the gym operational and occupied.

Phase II will include the renovations of the remaining portions of the building, including space to serve as temporary shelter.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA, NCARB – Role: Project Principal, Architect
- Scott Walthour, PE - Role: MEP Engineer Principal
- Greg Baldwin, PE – Role: Lead Electrical Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION <i>(City and State)</i> Columbia, MD	(3) ROLE Subconsultant: Architecture, MEP Engineering
b.	KCI Technologies	Columbia, MD	Prime: Civil, Geotech, Survey

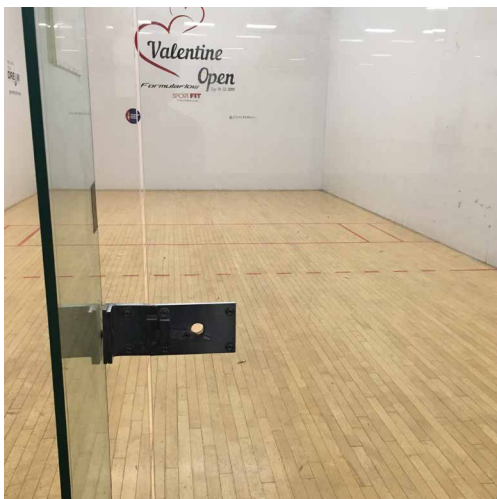
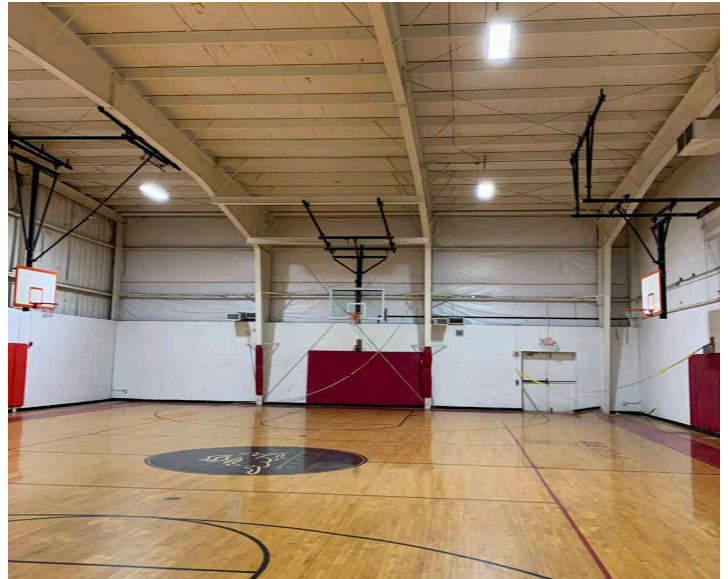
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

1

BEFORE - existing conditions of City of Laurel multi-service center - currently under renovation



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION (City and State) Prince George's County Public Schools IDIQ A&E Services Prince George's County, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Prince George's County Public Schools	b. POINT OF CONTACT NAME Dawn Holton, PE	c. POINT OF CONTACT TELEPHONE NUMBER 240.573.7046; dawn.holton@pgcps.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Relevance:

- **Project in Prince George's County**
- **On-Call Services**
- **Public, educational project**
- **Architecture & Engineering services**
- **Evaluation of ADA deficiencies**

Project Delivery Method:	Design-Bid-Build
Square Footage:	10,000 SF - 65,000 SF
Project Duration:	2019-Ongoing
Value:	\$150,000K - \$1.7M

Project Summary:

Arium AE was selected by the Prince Georges County Public School System to assist in responding to various on call Architecture & Engineering services.

The first project Arium was called upon to assist with was creating an electrical specifications booklet for all Prince George's County Public School projects. Arium collaborated with the PGCPs master electrician and building engineers to modify the existing spec to meet the county's updated and new standard requirements. This template will provide a basis for all design and requirements moving forward.

Additional projects have included:

- Phyllis Williams Elementary School - Arium provided full MEP renovation.
- Thurgood Marshall Middle School - Arium provided MEP engineering for an HVAC replacement project. New design included the addition of a cooling system to serve the gymnasium.
- Additionally, Arium has provided 28 Peer Reviews for Prince George's County Public Schools, including new design and renovations.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA – Role: Principal, Architect
- Brian Frels, AIA, NCARB – Role: QAQC, Principal
- Scott Walthour, PE – Role: MEP Engineer Principal
- Greg Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION (City and State) Columbia, MD	(3) ROLE Architecture, Interior Design, MEP Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

2



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 3
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21. TITLE AND LOCATION (City and State) Howard County Public Schools IDIQ, Howard County, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Howard County Public Schools	b. POINT OF CONTACT NAME Herbert Savje	c. POINT OF CONTACT TELEPHONE NUMBER 410.313.7088; Herb_Savje@hcpss.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Relevance:

- **On-call Services**
- **Public, educational project**
- **Evaluation of ADA deficiencies**
- **Verified Code & Regulation Compliance**

Project Delivery Method:	Design-Bid-Build
Square Footage:	500 SF per school
Project Duration:	2019
Value:	\$150K approx

Project Summary:

Arium AE was selected by the Howard County Public School System to assist in responding to the ADA deficiencies in various rooms across nine schools. The first task Arium completed was a tour of the listed schools to review the existing conditions as referenced in the report. Next, Arium provided a Site Visit Memo that outlined the observed conditions and the intended approach for addressing the deficiencies. A few of the noted items included existing three station cast iron wall sink with exposed drain lines leading to cleanout basket encroaching the required toe clearance, exposed copper supply lines, and incorrect counter heights at sinks. One of the schools required a design concept for adding an ADA compliant water closet stall in the existing gym locker room restrooms along with modifications to the existing sinks to be ADA compliant.

Arium provided drawings to include specifications, plans and details for replacement of accessible sinks, cleanout baskets, and insulation as required to meet ADA within each of the classrooms. HCPSS requested Arium to aid during the bid process and met with the selected contractor to review submittals as well as possible value engineering options for completing the proposed work. Once the work was installed, Arium re-visited each location in the schools to confirm ADA compliance was met. In a few locations, Arium worked with the contractor to make sure they modified the installation as necessary to meet all ADA requirements.

Arium's Design team worked together with HCPSS representative's to develop solutions for each unique location. After developing drawings outlining the remediation required, Arium also assisted with Pre-Bid meetings and scope review with the perspective bidders for the project.

The schedule for the project was to be expedited to facilitate completion of all work during the summer school holiday. Site surveys, design, and drawing preparation occurred during the school year while classes were in session. Access was coordinated with each School's administrative team to ensure it was not disruptive to any students or teachers. The bid phase, contractor selection, and all required submittals were processed before school released for the summer to ensure that the work would be completed in the allotted time frame before school resumed.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA, NCARB – Role: Principal, Architect
- Stephanie Bounds Nunn, AIA – Role: Principal, Architect
- Scott Walthour, PE – Role: MEP Engineer Principal
- Greg Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION (City and State) Columbia, MD	(3) ROLE Architecture, Interior Design, MEP Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION (City and State) Prince George's County Third Party Permit Review Program, Multiple Projects, Prince George's County, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013-Ongoing	CONSTRUCTION N/A; Varies

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Prince George's County Department of Permitting, Inspections and Enforcement	b. POINT OF CONTACT NAME Bellur S. Ravishankar	c. POINT OF CONTACT TELEPHONE NUMBER (301) 883-5837
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS PROJECT *(The description should include actual construction cost, in thousands.)*

Relevance:

- **Project in Prince George's County**
- **On-call Services**
- **Permit Peer Review project**
- **Successfully reduced permitting schedules**
- **Completed multiple concurrent permit peer reviews**

Project Delivery Method:	N/A - Peer Review
Square Footage:	varies up to 500,000+ SF
Project Duration:	2013 - Ongoing
Value:	Ranges: \$1M – \$5M

Project Summary:

Partners Arium AE and GPI/Holbert Apple Associates has lead teams of 3rd Party Permit Reviewers in the review of over 200 permit review projects in Prince George's County, Maryland. Projects range from tenant fit-out renovations to large new residential projects in excess of 500,000 sq. ft. to unique facilities such as the Capital Wheel at National Harbor and amusement rides at Six Flags. We have a history of successfully completing multiple concurrent permit peer reviews. The review team has been extensively involved with DPIE's Peer and 3rd Party Permit Review Programs since the Fall of 2013, and for the Prince George's County Public School's capital improvement projects for the past several years.

As peer review team leader, we develop schedules for reviews, assembles and publishes comments from each design discipline's review and tracks comments in a spreadsheet that has been developed in-house specifically for these reviews.

The permit reviews have successfully reduced permitting schedules for project developers, particularly on larger developments.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA – Role: Principal, Architect / QAQC
- Stephanie Bounds Nunn, AIA – Role: Principal, LEED
- Scott Walthour, PE – Role: Principal, MEP
- Gregory Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

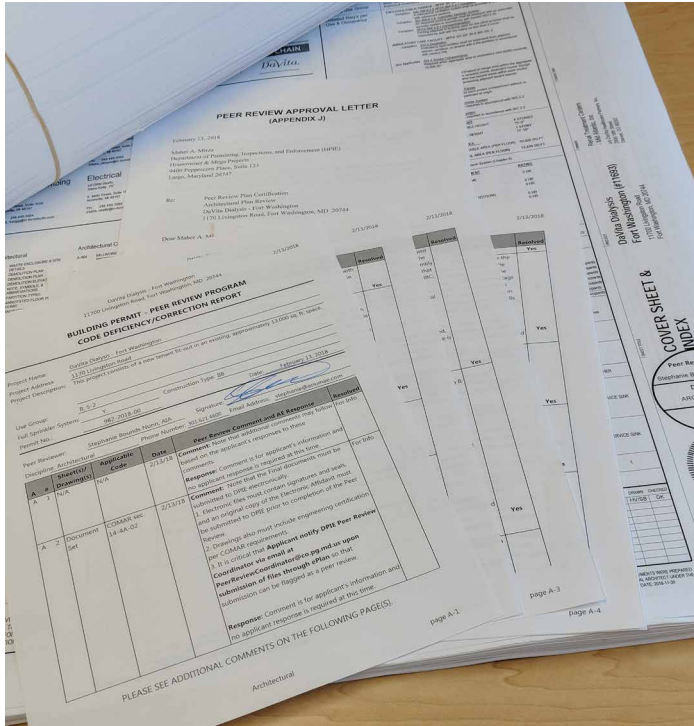
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Mechanical, and Electrical Plan Reviewer
b.	GPI/Holbert Apple Associates, Inc	Olney, MD	Third-Party Review Team Lead and Structural Plan Reviewer

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4



Prince George's County Peer Review for new design of Hyattsville Branch Library. Completed review 2019.



Prince George's County Peer Review for new design of William Wirt Middle School. Completed review 2020.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 5
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21. TITLE AND LOCATION <i>(City and State)</i> University of MD, Division of IT Riverdale, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER University of Maryland / COPT	b. POINT OF CONTACT NAME Joseph Drasin, Senior Director Enterprise Planning and Continuous Improvement	c. POINT OF CONTACT TELEPHONE NUMBER 301-314-1019 jdrasin@umd.edu
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Relevance:

- **Project in Prince George's County**
- **Office space renovation**
- **Institutional project**
- **Architecture, Engineering, Interior Design Services**
- **Evaluation of ADA deficiencies**
- **Verified Code & Regulation Compliance**

Project Delivery Method:	Design-Bid-Build
Square Footage:	54,843 SF
Project Duration:	2020-2021
Value:	\$2.1M approx

Project Summary:

Arium AE provided full architecture and MEP engineering design services for this University of Maryland renovation project in Riverdale, MD. A centralized IT division space was created through the consolidation of staff from various buildings across the University of Maryland campus.

The Arium team delivered an open and inviting office space that not only facilitated but encouraged real-time collaborative work. Exposed ceilings featured integrated building systems and acoustical accents.

The project was saddled with a rigid 8-month design and construction window for the full renovation of three floors. Arium's integrated design and permitting teams rose to the challenge and delivered the project on schedule and ready for students to arrive back to the campus in the fall.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA – Role: QAQC, Principal
- Brian Frels, AIA, NCARB – Role: Principal, Architect of Record
- Scott Walthour, PE – Role: Principal, MEP
- Gregory Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer
- Madeline Mirecki, LEED AP BD+C – Role: Leading Interiors

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION <i>(City and State)</i> Columbia, MD	(3) ROLE Architecture, Interior Design, MEP Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

5



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 6
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21. TITLE AND LOCATION (City and State) Authority Brands Office Renovation Columbia, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Authority Brands / Abrams Development Group	b. POINT OF CONTACT NAME Rob Weddle	c. POINT OF CONTACT TELEPHONE NUMBER 800-496-9019
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Relevance:

- Office project
- Planning Services
- Architecture, Engineering, Interior Design Services
- Evaluation of ADA deficiencies
- Verified Code & Regulation Compliance

Project Delivery Method:	Design-Bid-Build
Square Footage:	29,700 SF
Project Duration:	2018-2019
Value:	\$1.7 M approx

Project Summary:

Arium AE provided full Interior Design, Architecture, and MEP engineering design services for the Authority Brands' corporate office in Columbia, MD.

The contemporary office space is designed with a modern neutral palette and expansive exposed ceilings. Flexible on-demand meeting spaces of various sizes were employed throughout which were critical to balance the varying meeting space needs. The office spaces were fitted with full-glass fronts and acoustical ceiling accents. The project included a large server room expansion and upgraded HVAC equipment and distribution networks that were woven seamlessly into the workspace.

Arium also assisted with the furniture selections for the offices, workstations, and meeting spaces with specified durable and maintainable materials and finishes, which enhance the corporate branded image. A complete FF&E package was provided.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA – Role: Principal, Architect of Record
- Brian Frels, AIA, NCARB – Role: QAQC, Principal
- Scott Walthour, PE – Role: Principal, MEP
- Gregory Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer
- Madeline Mirecki, LEED AP BD+C – Role: Leading Interiors

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

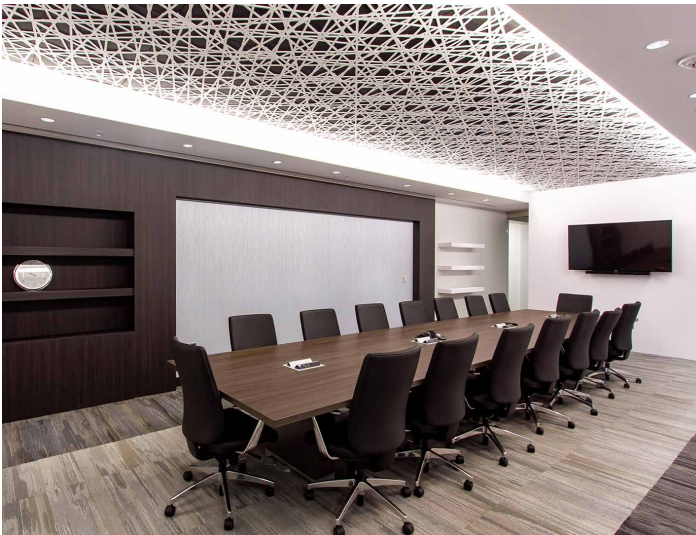
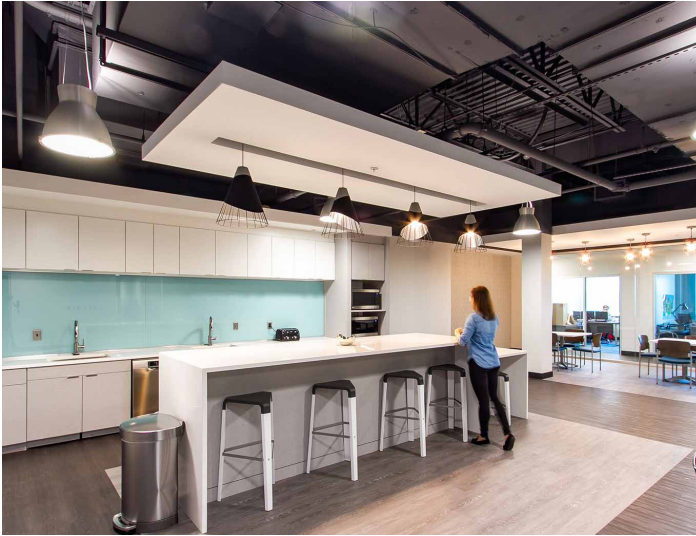
a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION (City and State) Columbia, MD	(3) ROLE Architecture, Interior Design, MEP Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

6



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 7
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21. TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School, South Middle/High School, Upper Marlboro, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Chesapeake Lighthouse Foundation	b. POINT OF CONTACT NAME Eric Derin, Director of Operations	c. POINT OF CONTACT TELEPHONE NUMBER 301-776-2300, ext.114; ederin@clfmd.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Relevance:

- **Project in Prince George's County**
- **Adaptive Re-use project**
- **Long-term Client**
- **Pre-Design – Design leadership in Scheduling, Planning, Value Engineering, Constructability and Phasing Review**
- **Architecture, Engineering, Interior Design Services**
- **Construction Management Support Services –**
 Construction Administration, progress meetings, site observation, value engineering, scheduling, change orders, and issue resolution

Project Delivery Method:	Design-Bid-Build
Square Footage:	100,500 SF
Project Duration:	2015 - 2016; (+2017 canopy addition)
Construction Value Phase I:	\$6,568,365
Construction Value Phase II:	\$2,636,825

Project Summary:

Chesapeake Lighthouse Foundation (CLF) has engaged Arium AE exclusively for all of their ongoing design tasks since 2009. Over the past 12 years, Arium AE has assisted CLF with a range of projects including: an adaptive reuse of 42,000 SF government office building into a combined middle and high school, a gymnasium/locker room building addition, and several building renovations. CLF continued to experience growth, and in 2016 Arium completed an adaptive use for a 100,500 SF building. In 2017, Arium provided design services for North High School, the first project for CLF that was entirely new construction.

The CMIT South Middle/High School in Upper Marlboro, Maryland, was a 100,500 square foot adaptive re-use for a combined school, grades 6 -12. The design consisted of house classrooms, labs, full size gymnasium, cafeteria, indoor soccer field, and auditorium. The project was completed in two phases to align with the progression/expansion of the high school population. Phase II included owner scope changes.

Arium AE provided full architectural, interior design, and MEP engineering services for this project. We also provided permit expediting and construction administration services throughout the construction of the building.

CLF came back to Arium to design an exterior canopy for the school's main entrance after the main building renovation was complete and open.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA – Role: Principal, Architect
- Brian Frels, AIA, NCARB – Role: QAQC, Principal
- Scott Walthour, PE – Role: MEP Engineer Principal

- Gregory Baldwin, PE – Role: Lead Electrical Engineer
- AJ Hannon, PE – Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

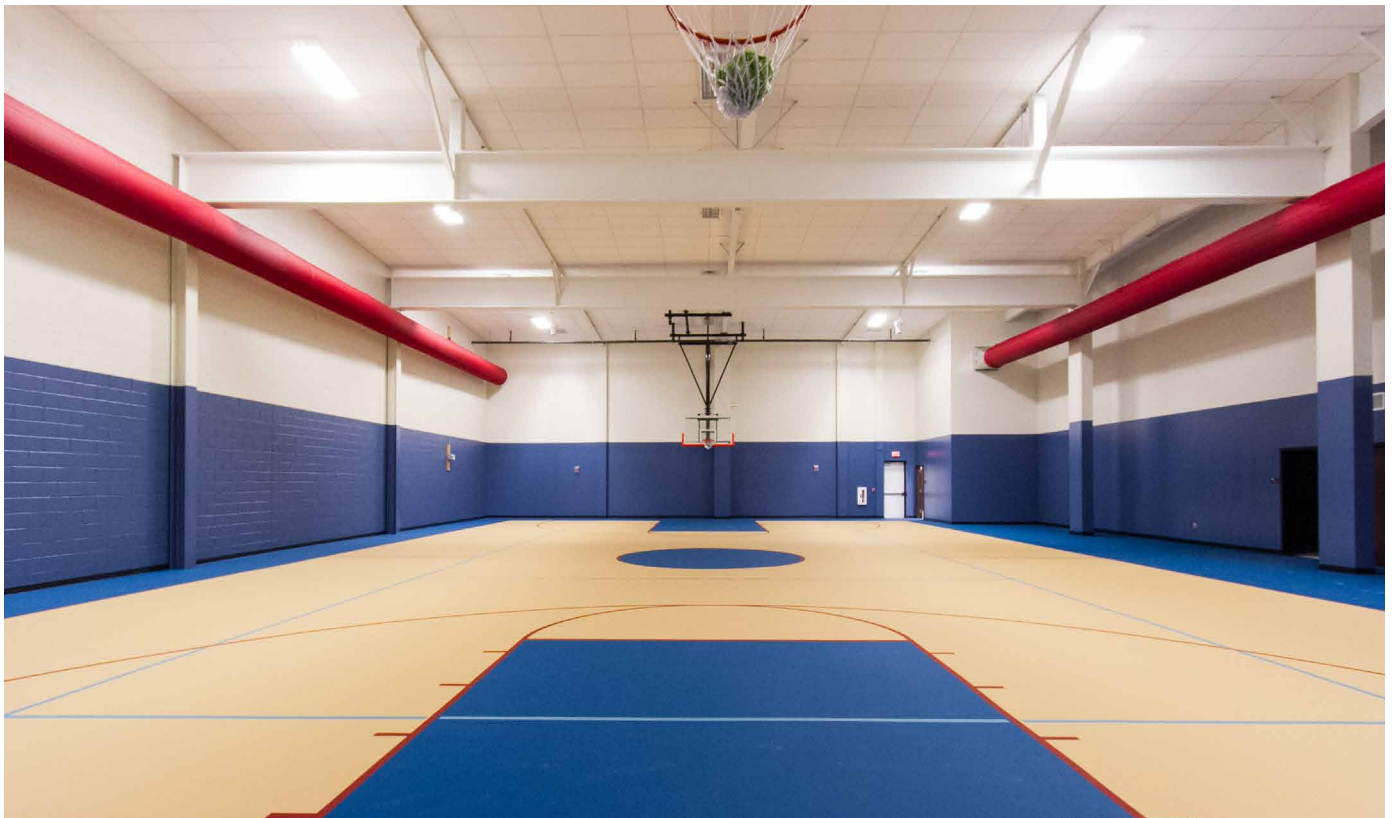
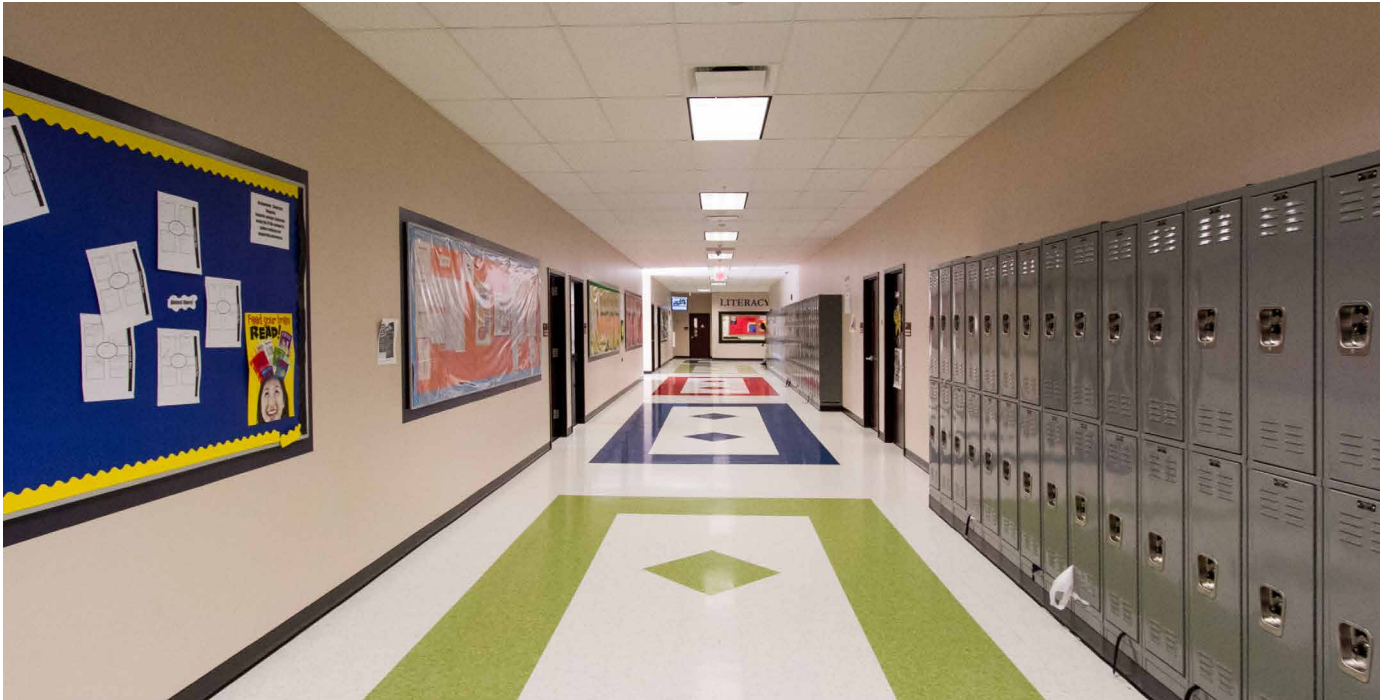
a.	(1) FIRM NAME Arium AE, LLC	(2) FIRM LOCATION (City and State) Columbia, MD	(3) ROLE Architecture, Interior Design, MEP Engineering
b.	(1) FIRM NAME GPI/Holbert Apple Associates, Inc	(2) FIRM LOCATION (City and State) Olney, MD	(3) ROLE Third-Party Review, Structural Plan Reviewer

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

7



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 8
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21. TITLE AND LOCATION (City and State) Welltower Medical Center Entrance Canopy Columbia, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION 2022 (TBD)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Welltower, Inc.	b. POINT OF CONTACT NAME Rebecca Posey	c. POINT OF CONTACT TELEPHONE NUMBER 410.740.0470; rposey@welltower.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Relevance:

- **Public Use Facility**
- **Addition/new construction**
- **Architectural Design Services**
- **MEP Engineering Design Services**
- **Construction Administration Services**

Project Delivery Method:	Design-Bid-Build
Square Footage:	N/A
Project Duration:	2020-2022
Value:	\$444,200 approx

Project Summary:

Arium AE provided architectural and engineering design services for the design of a new exterior canopy addition at 10710 Charter Drive medical facility in Columbia, MD. Arium's scope included architectural and lighting design for the canopy, and permitting services.

Under second contract, Arium assisted with bidding and construction administration for the new exterior canopy. We utilized the completed construction documents for the canopy addition in our bidding efforts. We used our front-end specifications to generate a bid document for client's review and comment. We coordinated with the client to create a list of preferred general contractors (GC's) and suggest additional GC's as required to reach three total bidders. We sent invites to the GC's and coordinated the site meeting. Arium responded to one round of bidder comments and questions. Upon receiving all bids, we created a bid comparison form for client's review so they could award the project.

Arium performed Construction Administration tasks such as responded to RFI's from the contractor, reviewed shop drawings, attended progress meetings, and prepared a punch list at project completion.

Constructing this canopy at a busy medical office poses some logistical challenges. The Arium team was ideally suited to properly plan and execute the work, taking into consideration safety, project duration and quality of work.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA, NCARB – Role: QAQC, Principal
- Scott Walthour, PE – Role: MEP Engineer Principal
- Greg Baldwin, PE – Role: Lead Electrical Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, MEP Engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT
KEY NUMBER

8



new entry canopy under construction



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION (City and State) A/E Open End Services, Laurel, MD Laurel Armory Renovations	22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION Ongoing</td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION Ongoing
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION Ongoing		

23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER City of Laurel	b. POINT OF CONTACT NAME Christy Fang	c. PHONE NUMBER (301) 725-0088
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

KCI has been selected for five consecutive four-year contracts to provide site planning, site/civil engineering, surveying, traffic engineering, construction administration, and testing services for the City of Laurel. Tasks assigned under the current contract include safety improvements to local streets, sidewalks, and trails; security lighting; and the design of recreational facilities including turf fields, picnic areas, and dog parks.

Laurel Armory Renovations. KCI performed site/civil engineering, structural engineering, geotechnical engineering, and MEP engineering design services for the Armory Community Center, a city-owned structure that was previously occupied by the United States Army Corps of Engineers.

KCI assisted the City of Laurel with determining the best way to utilize the lower level of the Armory and reconfigure the space. The development of the building was limited by building/fire code and the Maryland Historical Trust requirements. The project involved the modernization of the HVAC systems and incoming electric service serving the facility. KCI's scope of services included design phase submission, bidding support, and construction administration services. The HVAC upgrades on this project include the addition of a structural steel platform mounted 30-ton roof top unit serving the gym area, a structural steel platform mounted 5-ton roof top unit serving the office area, and a three high efficiency gas fired furnaces with split system air-conditioning units serving general spaces within the facility. The HVAC design for this project included analysis of the local codes to determine the proper ventilation requirements for the occupants in the facility. KCI's mechanical engineer also simulated these loads in the facility utilizing state of the art software determining the Hourly loads within the facility.

As mentioned above, the existing structure was unable to support the new equipment without the need for additional structural steel supports. The building was a masonry structure of sufficient capacity to support the proposed installation. The mechanical units were supported by a system of elevated steel beams attached to the surrounding masonry parapet walls.

The ductwork penetrated a masonry bearing wall to enter the building. The openings were fitted between existing roof beams so that the beam bearing on the masonry is not undermined. The openings were reinforced with steel plates on the sides and steel lintels above. As part of this upgrade, the interior gas piping for the facility was also upgraded. The incoming service meter was replaced and the piping to the new equipment was sized in accordance with the National Gas Code and NFPA requirements. Ductwork for the new HVAC systems was sized utilizing the equal static resistance method and SMACNA's design standards. The facility electrical service for the project was upgraded from an older single phase service to a new three phase service to not only support the current renovations but also allow the City of Laurel the capability of adding additional loads at a future date. The design was in accordance with both local and national code requirements and complied with the City of Laurel's electrical plan reviewer's request. Preliminary coordination with BG&E was performed for the City of Laurel in determining the service requirements and the location of the incoming overhead service.

As a follow on to a previous project, KCI conducted field surveys and prepared paving plans with milling and overlays or new paving sections for resurfacing of the Armory Parking lot and a six-foot wide bituminous trail through Cypress Street Park.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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a.	(1) FIRM NAME KCI Technologies, Inc.	(2) FIRM LOCATION (City and State) Sparks, MD Fulton, MD	(3) ROLE Civil Engineering, Landscape Architecture, Mechanical Engineering, Electrical Engineering, Fire Protection Engineering, Environmental Engineering, Energy Management, Surveying
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

Largo Town Center Park - On-Call Engineering and Land Surveying Consultant Services, Prince George's County, MD

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION
2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Maryland National Capital Parks & Planning

b. POINT OF CONTACT NAME

Brian Stewart

c. PHONE NUMBER

301.454.1463

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Under an on-call where KCI provides landscape architectural, surveying, and full-service engineering services to M-NCPPC on more than 100 projects over the last 20 years under several consecutive contracts, the following project was completed:

The project involved construction of a two-acre neighborhood park, which included a terrace garden promenade focused on an existing fountain in the Largo Town Center Lake. The promenade ended on a redesign boardwalk overlooking the lake. An ADA handicap access was provided providing access around either side of the promenade. There was a 10'x40' pre-engineered bridge and a water feature which was a splash pad but took the idea of a splash pad to another level, "Jumping Jewels". Landscaping, as well as bituminous concrete trails, retaining walls, and stone piers and metal fencing and bio-retentions were included in the site design. Other stone pavers were also incorporated into the project.

KCI completed the acquisition of DPIE permits, WSSC permits, Construction Administration and Permit closeout after the previous Landscape Architectural firm was released from their contract. KCI worked alongside the M-NCPPC Project Manager, Rene Albacete, RLA and their Inspectors Trevor Bourne and Brian Stewart to obtain permits for a project that was under scrutiny by a local Council person to have completed after the project was bid but failed to move forward due to a lack of permits. KCI obtained the final county approvals from the local Soil Conservation District and applied for a Grading Permit.

KCI then was asked to perform Construction Administration Services for the project, reviewing RFI's, Shop Drawings, substitutions and attended bi-weekly meetings on the site. KCI also reviewed Contractors monthly requests for payment. At the end of the project, KCI completed a punch list for the site, electronic as-builts of the site, obtained the releases from WSSC for a 1" water service into the park, obtained the closure of the Grading Permits and MDE Permits, and overall closeout the project.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	2) FIRM LOCATION (City and State)	(3) ROLE
a.	KCI Technologies, Inc.	Sparks, MD Fulton, MD	Civil Engineering, Landscape Architecture, Surveying

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Brian Frels	Project Director, Principal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stephanie Bounds Nunn	QAQC, Principal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kevin Murray	Project Manager	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Madeline Mirecki	Interior Designer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Walthour	MEP Principal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greg Baldwin	Electrical Engineer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AJ Hannon	Mechanical & Plumbing Engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stephen Jerrick	Civil Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Richard Hoehn	Landscape Architect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dr. Kofi B Acheampong	Geotechnical Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C. Allen Paugh	Project Surveyor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
James Wilson	Construction Manager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Jon Yench	Construction Inspector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nate Salnick	Structural Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Laurel Multi-Service Center	6	Authority Brands
2	Prince George's County Public Schools IDIQ	7	CMIT Public Charter School
3	Howard County Public Schools IDIQ	8	Welltower Medical Center Entrance Canopy
4	Prince George's County Peer Reviews IDIQ	9	City of Laurel Armory
5	University of Maryland, Division of IT	10	Largo Town Center Park

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

About Arium

Arium AE, LLC (Arium), the prime for this contract opportunity, is a mid-sized Architectural and Engineering design firm with deep roots in the local community. Founded in 1988, we have steadily grown into a regional design firm. We added MEP Engineering in 2005, and have focused on interiors, adaptive reuse, renovations, and new construction. Utilizing our in-house team of 35 professional Interior Designers, Space Planners, Architects, Electrical and Mechanical Engineers, we've garnered a reputation for providing highly integrated designs to a repeat client base. Arium's repeat client base extends to some of the largest defense contractors and government agencies in the country who depend on the firm to provide highly technical design solutions for demanding program and equipment requirements. Most of Arium's clients are property managers, developers, and brokers who appreciate the firm's sophistication in analyzing building area questions, leasing, and operating issues.

Arium's medium size allows for our principals, Stephanie Bounds Nunn, Brian Frels, and Scott Walthour to engage directly with clients and for projects to be fully staffed with experienced professionals. Arium's client-centric project approach ensures that the client's unique needs are met in an elegant yet efficient manner within budget and schedule. Arium has 34 years of experience across a wide range of project types and has likely completed and permitted more projects within the immediate region in the past ten years than any of our peers.

Arium is commonly recognized among the top architectural, engineering, and interior design firms in the region and has extensive experience providing design and construction administration for public sector clients, including state and local governments. **The majority of Arium's projects involve the renovation, repurposing, or addition of existing building infrastructure.** Arium is highly familiar with existing building projects' common challenges and can identify these challenges early in the design process.

Arium's design team has an intimate knowledge and familiarity with various regional permitting departments across the region and bills 250+ clients for dozens of permits each year. The firm utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.

Years in Business

Arium has been in business for 34 years, since 1988.

Primary Office Location

Arium is located at 5537 Twin Knolls Road, Suite 435, Columbia, MD 21045, and is the office location where tasks for this contract will be supported.

Employee Breakdown

Arium's unique staffing plan is part of its commitment to building lasting relationships with clients. Through it, Arium ensures ownership of projects and consistent knowledge transfer across studios. Through steady and slow growth over the past 34 years the firm has selected some of the brightest talent in the region. These individuals dedicate themselves to our clients over the course of the entire project to ensure success.

Arium values developing a long-term strategic relationship with the City of Glenarden, all your projects are important to us. At Arium you'll be working with our all-star team of designers.

Our staff includes 35 employees:

Principal Architect/Engineers	3
Senior Associates & Associates	6
Project Managers	9
Senior Designer/Drafters	5
Designer/Drafters	8
Administrative	4

Arium's On-Call Work

Arium has a long track record of providing on-call AE services and has existing task order contracts with a number of regional clients. Eighty percent of our work is repeat clients who use Arium for all of their recurring design needs.

Arium's On-Call work throughout the region includes:

- Howard County DPZ - IDIQ
- Howard County Public Schools - IDIQ
- City of Laurel - IDIQ
- University of Maryland Baltimore - IDIQ
- Prince George's County Public Schools - IDIQ

Subconsultants

Previous Working Relationship

Arium (Prime) has worked with KCI Technologies on previous projects, including 7 recent projects. Arium has worked with Holbert Apple, now GPI, on over 500 projects, including Prince George's County peer review projects and various renovation projects.

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Subconsultants - Firm Overview

KCI Technologies: Founded in 1955, KCI is a 100-percent employee-owned engineering, consulting and construction firm serving clients throughout the United States. KCI's roughly 1,900 employee-owners operate out of more than 70 offices in 21 states - as well as the District of Columbia. With revenues of approximately \$368 million in 2021, the Engineering News-Record has consistently placed KCI among the top 100 consulting engineering firms in the country.

KCI's professional staff of engineers, planners, scientists, surveyors, and construction managers offer a broad range of engineering services, including wireless/communications infrastructure, civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. But engineering is not all we do. KCI also provides cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection. All of KCI's service lines are supported by a team of CADD (Computer-Aided Drafting and Design) designers, GIS (geographic information systems) experts, and database analysts, programmers, and technicians, as well as state-of-the-art computer, field, and lab equipment.

KCI Technologies is certified to the ISO 9001:2015 standard. ISO is a widely recognized international standard for quality management systems (QMS). Unique for its mandatory internal auditing program, the ISO standard requires the continual evaluation of all business processes in order to provide objective measures of performance and improvement.

Greenman-Pedersen, Inc. (GPI): GPI was established in 1966 in



Babylon, NY. The vision of two Long Island engineers has grown into a firm consistently ranked in Engineering News Record's Top Design Firms. GPI has also been named a Consulting-Specifying Engineer MEP Giant. With over 50 years in business, GPI has earned our reputation as a leading engineering company. GPI employs more than 1,700 professionals in over 55 offices located throughout the country. Our wide-ranging resources allow us to handle projects for both private and government clients ranging in size and complexity.

GPI's Metro DC Operation, which includes our Rockville, MD, Olney,

MD, and Springfield, VA, offices, has been providing mechanical, electrical, plumbing, and structural engineering services in Maryland, Virginia, and Washington, DC for over 45 years. With a combined staff of over 70, our offices provide creative and sustainable design for the renovation and new construction of buildings. Our clients include private companies, government agencies, educational facilities, healthcare facilities, and mission critical facilities.

GPI's Building Systems Services include:

- Building Evaluations
- New Construction
- Renovations/Repositioning
- Infrastructure Upgrades
- Design/Build
- Sustainable Design/LEED & WELL Design/Green Globes/EarthCraft
- Facilities/Asset Management
- Energy Audits/Energy Modeling
- ENERGY STAR Certification
- Peer Review
- Commissioning
- COVID Mitigation

Greenman-Pedersen, Inc. (GPI) joined forces with Holbert Apple Associates, Inc. (HAA) in 2021. GPI and HAA have worked together since 2002, holding contracts with each other on over 130 projects. Additionally they have collaborated on numerous projects where contracts were held by other firms. "Over my 40+ year career as a structural engineer in the Washington, DC area, I have known and collaborated with numerous GPI staff members. I have highly regarded their team and relationships and am thrilled to now be a part of GPI," said President of HAA, David H. Holbert, P.E.

Arium has worked with Holbert Apple, now GPI, on over 500 projects, including Prince George's County peer review projects and various renovation projects. We currently have more than 20 active projects with GPI.

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Office Space & Planning Expertise

While Arium has a wide range of expertise across a number of building types and sectors, 74% of our work is composed of interior commercial office space. Arium is known for its exceptional execution and delivery of highly technical and programmatically complex office spaces, computer center/lab areas, SCIF/TEMPEST facilities, and other mission critical environments.

Select projects include:

Rohde & Schwarz American Headquarters

Columbia, MD, 9,500+ SF, full AE design services, interior renovation

Confidential Client Undisclosed Location

300,000 SF, full AE design services, two phases, Data Center, SCIF, office space full building renovation, Programming – CA

Tenable Headquarters

Columbia, MD, 150,000 SF, full AE design services, multi-floor tenant fit-out with exterior terrace, Programming – CA

Music & Arts Headquarters

Frederick, MD, 46,000 SF, full AE design services, Programing – CA

Social Solutions

Baltimore, MD, 9,000 SF, full AE design services, Programing – CA

Columbia Association Headquarters

Columbia, MD, 30,000 SF, Full interior fit out. Architectural, Interiors and furniture selection services

Johns Hopkins Applied Physics Lab

Laurel, MD, warehouse – office conversion, 63,000 SF, full AE design services, Broad Range AE Design Services Contract

Brookfield Properties

Various Projects, 400,000+ SF, Full AE design services, Programing – CA

Lockheed Martin

Rockville, Gaithersburg, Hanover Campuses, MD, 200,000 SF+, various multiple phase projects, full AE design services

Access Intelligence

Rockville, MD, tenant fit-up, 30,000 SF, full AE design services

Northrop Grumman

Various projects – Columbia, Landover, Lanham, Aberdeen, MD, tenant fit-up, SCIF, 200,000+ SF, architecture and interior design services, SCIF

Maxim Health Headquarters

Columbia, MD, tenant fit-up, 60,000 SF, architecture and interior design services

Gov. Security Agency Headquarters

Undisclosed location, SCIF/Tempest, data-center, Class-A Office Space, 50,000+ SF, architecture and interior design services

Qiagen SA Biosciences

Frederick, MD, tenant fit-up, various projects, 35,000 SF, full AE design services

GSA Tenant (confidential)

Montgomery County, MD, Class-A office fit-up, 83,000 SF, full AE design services

ATK Office Space

Fairfax County, VA, tenant fit-up 10,000 SF, full AE design services, various additional work in Baltimore, Annapolis Junction, Beltsville, & Northern VA

3M

Silver Spring, MD, 50,000 SF 3-story interior office renovation, architectural planning services

SAIC

MD and Virginia, tenant fit-up, 50,000+ SF, Full AE Services

MD Department of Energy

Annapolis, MD, 9,200 SF, full AE design services, Programming – CA, LEED Gold

Abrams Development Group

Columbia, MD, 8,500 SF, full architecture and interior design services, Programming – CA; 50+ building projects with Abrams

Columbia Technology Campus

Columbia, MD, 20,000 SF, Adaptive use of warehouse to high tech office facility, architecture and interior design services

Cassidy Turley Office

Columbia, MD, 6,700 SF, full AE design services, Programming – CA, Repeat client

Discovery Education

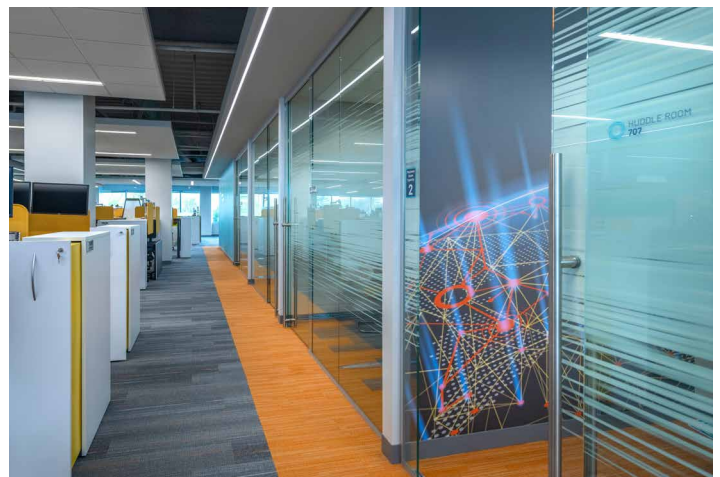
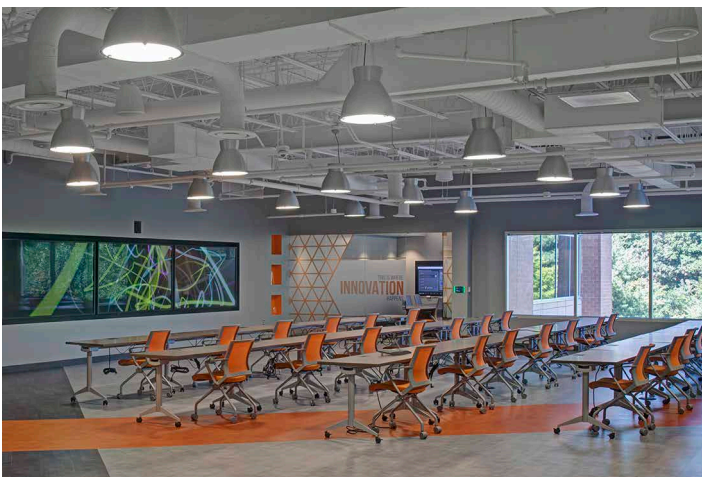
Silver Spring, MD, 12,500 SF, full floor tenant fit-out, full AE design services

Sparksoft

Columbia, MD, 35,000 SF two floor tenant fit-out, full AE design services

Leidos

Gaithersburg, MD, 18,000 SF 1st Phase of a multi-phase interior renovation, full AE design services



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

THANK YOU

We are available at your convenience to discuss how best we can serve you and your teams. If there is anything Arium AE can assist you, please do not hesitate to contact me directly at 410-730-2300. Thank you for your time and consideration and we look forward to hearing from you.

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

31. SIGNATURE 	32. DATE 5/26/2022
--	-----------------------

33. NAME AND TITLE
Brian Frels, AIA, Principal



ARCHITECT - ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME KCI Technologies, Inc.			3. YEAR ESTABLISHED 1988	4. SAM UNIQUE ENTITY ID PEVANTR72KU1
2b. STREET 936 Ridgebrook Road			5. OWNERSHIP	
2c. CITY Sparks	2d. STATE MD	2e. ZIP CODE 21152	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Nathan J. Beil, PE, D. WRE President and Chief Executive Officer			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 410.316.7800		6c. E-MAIL ADDRESS nathan.beil@kci.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH	
02	Administrative	95	53
08	CADD Technician	15	6
12	Civil Engineer	83	13
15 / 16	Construction Inspector / Manager	440	42
21 / 25 / 42	Electrical / Fire Protection / Mechanical Engineer	40	11
23 / 24	Environmental Engineer / Scientist	113	39
27 / 30	Foundation / Geotechnical Engineer / Geologist	7	6
29	Geographic Information Specialist	46	36
36	Industrial Hygienist	1	1
38	Land Surveyor	135	17
39	Landscape Architect	13	2
47	Planner: Urban / Regional	14	4
57	Structural Engineer	45	8
64	Subsurface Utility Engineer / Technician	63	4
65	Technical Support Staff	99	21
58	Technician / Analyst	34	4
66	Telecommunications Specialist	218	5
67	Transportation Engineer	161	21
68	Utilities Engineer	163	23
62	Water Resources Engineer	31	17
	Other Employees	8	2
	Total	1824	335

10. PROFILE OF FIRM'S EXPERIENCE

AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
B02	Bridges	10
C12	Communications Systems; TV; Microwave	10
C15	Construction Management	10
E03	Electrical Studies and Design	4
E09	EIS, Assessments or Statements	8
H07	Highways; Streets; Airfield Paving; Parking Lots	10
L03	Landscape Architecture	8
P05	Planning (Community; Regional; Areawide)	7
P06	Planning (Site, Installation and Project)	5
P12	Power Generation, Transmission, Distribution	10
R06	Rehabilitation (Buildings, Structures; Facilities)	4
S04	Sewage Collection, Treatment & Disposal	8
S05	Soils & Geologic Studies; Foundations	6
S09	Structural Design; Special Structures	5
S10	Surveying; Platting; Mapping; Flood Plain	10
S13	Stormwater Handling & Facilities	6
T02	Testing & Inspection Services	8
T03	Traffic & Transportation Engineering	9
U03	Utilities (Gas & Steam)	10
W02	Water Resources; Hydrology; Ground Water	6
W03	Water Supply; Treatment and Distribution	8
	Wetlands	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS


(Insert revenue index number shown at right)

a. Federal Work	4
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 01/01/2022
c. NAME AND TITLE Nathan J. Beil, PE, D. WRE, Chief Executive Officer	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

2022-01

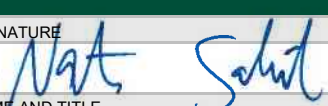
PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Greenman-Pedersen, Inc. (GPI Metro DC)			3. YEAR ESTABLISHED 1980	4. UNIQUE ENTITY IDENTIFIER NCLKVHPJDD87
2b. STREET 3423 Olney-Laytonville Road, Suite 6			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Olney	2d. STATE MD	2e. ZIP CODE 20832	b. SMALL BUSINESS STATUS None	
6a. POINT OF CONTACT NAME AND TITLE Nate B Salnick, SE, PE Senior Vice President			7. NAME OF FIRM (If Block 2a is a Branch Office) Greenman-Pedersen, Inc.	
6b. TELEPHONE NUMBER 301.570.1460		6c. E-MAIL ADDRESS nsalnick@gpinet.com		
8a. FORMER FIRM NAME(S) (If any) Greenman, Pedersen & Associates, P.C. Holbert Apple Associates, Inc.			8b. YEAR ESTABLISHED 1966 2001	8c. UNIQUE ENTITY IDENTIFIER n/a 127111594

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	107	8	B01	Barracks; Dormitories	2
	Aerial Photographer/Pilot	9	0	C06	Churches; Chapels	2
06	Architect	1	0	C10	Commercial Buildings	6
08	CADD Specialist	61	1	C13	Computer Facilities; Computer Service	3
12	Civil Engineer	243	0	D07	Dining Halls; Clubs; Restaurants	1
	Computer Specialist	31	1	E02	Educational Facilities; Classrooms	2
15	Construction Inspector	456	0	E03	Electrical Studies and Design	4
21	Electrical Engineer	39	15	F03	Fire Protection	2
	Environmental	25	0	G01	Garages; Vehicle Maintenance Facilities;	2
25	Fire Protection Engineer	3	0	H04	Heating, Ventilating, Air Conditioning	4
29	GIS Specialist	7	0	H09	Hospitals & Medical Facilities	2
39	Landscape Architect	14	0	H11	Housing (Residential, Multifamily,	3
42	Mechanical Engineer	49	25	I01	Industrial Buildings	2
	Photogrammetrist/Lab.	37	0	L01	Laboratories; Medical Research Facilities	3
47	Planners: Urban/Regional	7	0	L06	Lighting (Exteriors; Street; Memorials;	1
57	Structural Engineer	114	15	L05	Lighting (Interior; Displays; Theatres; etc.)	2
	Surveyor	110	0	O01	Office Building; Industrial Parks	5
58	Technician/Analyst	54	1	P07	Plumbing & Pipe Design	2
60	Transportation Engineer	98	0	R04	Recreational Facilities (Parks; Marinas; etc.)	3
				R06	Rehabilitation (Buildings; Structures;	6
	Other Employees	138	0	S09	Structural Design; Special Structures	3
Total		1603	66	W01	Warehouses & Depots	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <small>(Insert revenue index number shown at right)</small>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	6	1. Less than \$100,000.	6. \$2 million to less than \$5 million		
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million		
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 05.24.2022
c. NAME AND TITLE Nate B Salnick, SE, PE Senior Vice President	

4. SECTION VI DOCUMENTS

FORM OF PROPOSAL

Date: May 25, 2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
	RATE
Project Director	\$ 195.00 /Hr.
Project Manager	\$ 175.00 /Hr.
Licensed Architect	\$ 165.00 /Hr.
Civil Engineer	\$ 225.00 /Hr.
Structural Engineer	\$ 190.00 /Hr.
Landscape Architect	\$ 210.00 /Hr.
Geotechnical Engineer	\$ 220.00 /Hr.
Surveyor	\$ 155.00 /Hr.

Provide additional sheets as necessary for expenses such as travel, etc.

Brian Frels, AIA, NCARB, Principal

Printed Name

Signature



Arium AE, LLC

Name of Company

5537 Twin Knolls Rd., Suite 435

Address

Columbia, Maryland 21045

City, State, Zip

Form of Proposal continued

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
	RATE
Construction Manager	\$ 175.00 /Hr.
Inspector	\$ 80.00 /Hr.
Mechanical Engineer	\$ 175.00 /Hr.
Electrical Engineer	\$ 175.00 /Hr.
Plumbing Designer	\$ 165.00 /Hr.
	\$ _____ /Hr.
	\$ _____ /Hr.
	\$ _____ /Hr.

Expenses: Arium AE: allowance for reimbursable expenses: \$ 2,000.00

REFERENCES

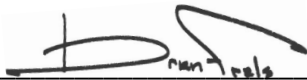
List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project:	Prince George's County Public Schools, IDIQ A&E Services
Company Name:	Prince George's County Public Schools
Address:	14201 School Lane
City, State, Zip Code:	Upper Marlboro, MD 20772
Contact Person:	Dawn Holton, PE
Telephone Number:	240-573-7046
Dates of Service:	2019 - Ongoing
Date of Project Completion:	Ongoing
Local Gov't Contact for Project:	see contact above
Key Organization Contact:	Scott Walthour, PE, Principal, Arium AE - 410-730-2300
Type of Project:	Chesapeake Math & IT Public Charter School, South Middle/High School
Company Name:	Chesapeake Lighthouse Foundation
Address:	9822 Fallard Ct.
City, State, Zip Code:	Upper Marlboro, MD 20772
Contact Person:	Eric Derin, Director of Operations
Telephone Number:	301-776-2300 ext. 114
Dates of Service:	2015-2017
Date of Project Completion:	2017
Local Gov't Contact for Project:	N/A
Key Organization Contact:	Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300
Type of Project:	Lockheed Martin Office Fit-outs, multiple projects with secure spaces
Company Name:	Lockheed Martin
Address:	1 Curie Court, 3rd Floor
City, State, Zip Code:	Rockville, MD 20850
Contact Person:	Kevin Weidman, LEED GA
Telephone Number:	610-354-7614
Date of Service:	2015 - Ongoing
Date of Project Completion:	Ongoing
Local Gov't Contact for Project:	William H. Albeck, Jr., 703-466-2239
Key Organization Contact:	Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300
Type of Project:	Leidos Office, full building phased renovation
Company Name:	Leidos / JLL
Address:	9737 Washington Blvd.
City, State, Zip Code:	Gaithersburg, MD 20878

Contact Person: Christy Thomas, LEED AP - JLL, Project & Development Services
Telephone Number: 202-821-5516
Date of Service: 2020-2021
Date of Project Completion: 2021
Local Gov't Contact for Project: N/A
Key Organization Contact: Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300
Type of Project: Prince George's County Third Party Permit Review Program
Company Name: Prince George's County Dept. of Permitting, Inspections and Enforcement
Address: 9400 Peppercorn Pl #100
City, State, Zip Code: Largo, MD 20774
Contact Person: Bellur S. Ravishankar
Telephone Number: (301) 883-5837
Date of Service: 2013 - Ongoing
Date of Project Completion: Ongoing
Local Gov't Contact for Project: see contact above
Key Organization Contact: Brian Frels, AIA, Principal, Arium AE - 410-730-2300

Brian Frels, AIA, NCARB, Principal



Print Name

Signature

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Renovation
Company Name: City of Laurel Department of Public Works
Address: 305 First Street
City, State, Zip Code: Laurel, MD 20707
Contact Person: Christy Fang, Deputy Director
Telephone Number: 301.725.0088
Dates of Service: 2000 - Present
Date of Project Completion: 2017
Local Gov't Contact for Project: see contact above
Key Organization Contact: Nicholas Barrick, PE, LEED AP BD+C, 410.792.8086 - KCI Technologies
Type of Project: New Construction
Company Name: Maryland National Capital Parks and Planning Commission
Address: 9500 Brunett Avenue
City, State, Zip Code: Silver Spring, MD 20901
Contact Person: Brian Stewart, Project Manager
Telephone Number: 301.454.1463
Dates of Service: 2001 - Present
Date of Project Completion: 2018
Local Gov't Contact for Project: see above
Key Organization Contact: Nicholas Barrick, PE, LEED AP BD+C, 410.792.8086 - KCI Technologies
Type of Project:
Company Name:
Address:
City, State, Zip Code:
Contact Person:
Telephone Number:
Date of Service:
Date of Project Completion:
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project:
Company Name:
Address:
City, State, Zip Code:

EXCEPTIONS AND ADDENDA

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Proposal Document covers all items as specified.

EXCEPTIONS:

(If none, write NONE) NONE

THE VENDOR HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA.

Number/Date/Initials

No Addenda - questions answered via emails:

dated May 16, 2022 and May 17, 2022

Brian Frels, AIA, NCARB, Principal

A handwritten signature in black ink, appearing to read 'Brian Frels', is written over a horizontal line. The signature is stylized and includes the name 'Brian Frels' written in smaller letters below the main signature.

Print Name

Signature

OWNERSHIP DISCLOSURE FORM

COMPANY NAME: Arium AE, LLC TYPE OF COMPANY (circle one):
 ADDRESS: 5537 Twin Knolls Rd., Suite 435 *Sole Proprietorship
Columbia, MD 21045 *Partnership
 _____ *Corporation
 FEIN#: 274165417 **X** *Limited Liability Corporation

INSTRUCTIONS: Provide below the names, offices held and any ownership interest of all officers of the firm. If additional space is necessary, provide on an attached sheet.

NAME	OFFICE HELD	OWNERSHIP INTEREST (Shares Owned or % of Partnership)
Brian Frels	Principal	30%
Stephanie Bounds Nunn	Principal	30%
Scott Walthour	Principal	40%

INSTRUCTIONS: Provide below the names, offices held, and ownership interest of all individuals not listed above, and any partnerships, corporations and any other owner having a 10% or greater interest in the firm named above.

If a listed owner is a corporation or partnership, provide below the same information for the holders of 10% or more interest in that corporation or partnership. If additional space is necessary, provide that information on an attached sheet. If there are no owners with 10% or more interest in your firm, enter "None" below.

NAME	OFFICE HELD	OWNERSHIP INTEREST (Shares Owned or % of Partnership)

CONTRACTOR’S AFFIDAVIT OF QUALIFICATION TO BID

I HEREBY AFFIRM THAT:

I, Brian Frels am the Principal

(Printed Name) (Title)

and the duly authorized representative of the Vendor of Arium AE, LLC
whose address is

(Name of corporation)

5537 Twin Knolls Road, Suite 435

Columbia, MD 21045

and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor for which I am acting.

Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my knowledge and of its officers, directors or partners, or any of its employees directly involved in obtaining contracts with the State or any county, bi-county or multi-county agency, or subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge of, or have during the course of an official investigation or other proceeding admitted in writing or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to bribe under the provisions of Article 27 of the Annotated Code of Maryland or under the laws of any state or federal government (conduct prior to July 1, 1977 is not required to be reported).

(State “none” or, as appropriate, list any conviction, plea or admission described in paragraph 2 above, with the date, court, official or administrative body, the individuals involved and their position with the Vendor, and the sentence or disposition, if any.)

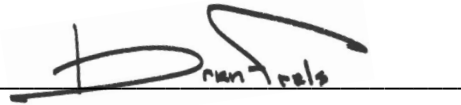
NONE

I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the representations set forth in this affidavit are not true and correct, the City may terminate any

Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of law or after a hearing, from entering into contracts with the State or any of its agencies or subdivisions.

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Brian Frels, AIA, NCARB, Principal

A handwritten signature in black ink, appearing to read "Brian Frels", written over a horizontal line.

Print Name

Signature

ARIUM | AE

ARCHITECTS ENGINEERS INTERIORS PLANNING GREEN DESIGN

ARIUM AE, LLC
5537 TWIN KNOLLS ROAD, SUITE 435
COLUMBIA, MD 21045
410.730.2300

Qualifications & Technical Proposal

Architectural / Engineering Professional Services

City of Glenarden

Indefinite Delivery / Indefinite Quantity

Glenarden, Maryland

RFP-2022-01



Submitted by

**Morgan Design Group
Architects**

Westminster, Maryland
21157

May 27, 2022





May 27, 2022

City Manager
City of Glenarden
8600 Glenarden Parkway
Glenarden, Maryland 20706

**Re: City of Glenarden, Maryland
Request for Proposal #2022-01
Architectural / Engineering Professional Services**

2775 Green Leaf Court
Suite B
Westminster
Maryland
21157

Phone: (410) 356-0122
Fax: (443) 926-9964
www.mdgarch.com

Jeffrey B. Morgan, AIA
Principal

Dear Sir / Madam and members of the Selection Committee:

On behalf of **Morgan Design Group Architects (MDG)**, I am pleased to submit herewith our qualifications to provide complete architectural / engineering design services for the above referenced project. You will find that Morgan Design Group, Architects and our team has extensive design experience in Prince Georges County and with Open-End / IDIQ contracts as well as with municipal and related projects. In fact, our portfolio is so extensive it is impossible to fully illustrate with a limited number of pages.

Morgan Design Group Architects also offers recent experience with Prince Georges County projects, including the renovations and Senior Activity addition to the existing City of District Heights Municipal Building. This experience gives us an excellent understanding of Prince Georges County requirements and procedures and will translate into a smooth and efficient process for upcoming design phase services.

We have assembled a team of experts which will provide the necessary leadership and expertise to achieve your project goals. In an effort to provide the most comprehensive services practical with one submission, we propose the following team of engineering consultants;

Century Engineers - Civil Engineers / Landscape Architect
Century Engineers - Mechanical / Electrical / Plumbing Engineer
Century Engineers - Structural Engineer

Included with this submission are;

SF330-E Staff resumes'
SF330-F Project Experience Sheets
SF330-H Additional Information
Form of Proposal (hourly rates) under separate cover
References
Ownership Disclosure Form
Contractor's Affidavit of Qualification to Bid

MDG is accustomed to working with many County / Local Government Agencies and multiple stakeholders. We understand the importance of your project and its role in the community.

Architecture

Interior Design

Landscape Design

Our services cover a wide geographical area; however, our focus is in the Mid-Atlantic region. Most of our work is in Maryland, Pennsylvania, Delaware, District of Columbia and Virginia. Our mission is to provide excellent design solutions for

our clients by being willing listeners and team players through exceptional environmental stewardship and attention to detail. We are quite familiar with the building permit and site development process in Prince Georges County. As Principal of the firm, you have my assurance that I personally will play a major role in each and every project under this open-end contract. We acknowledge receipt of amendments 1 and 2.

If you have any questions or need additional information, please do not hesitate to contact me personally.

Sincerely,
MORGAN DESIGN GROUP, ARCHITECTS

A handwritten signature in blue ink, appearing to read 'Jeffrey B. Morgan', with a stylized flourish at the end.

Jeffrey B. Morgan, AIA
Principal

enc

MDG is a proud sponsor of St. Jude's Children's Research Hospital. Portions of our income are donated to help those families in need. We encourage everyone to give what they can.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Jeffrey B. Morgan, AIA	13. ROLE IN THIS CONTRACT Principal & Project Manager	14. YEARS EXPERIENCE		
		a. TOTAL 41	b. CURRENT FIRM 31	
15. FIRM NAME AND LOCATION Morgan Design Group, Architects				
16. EDUCATION Catonsville Comm. College – Assoc. of Arts Degree in Architectural Design 1979 University of Maryland - Architecture 1985		17. CURRENT PROFESSIONAL REGISTRATION MD, DE, PA, DC, VA (Architecture)		

18. OTHER PROFESSIONAL QUALIFICATIONS

As founder and principal of the firm, Mr. Morgan's responsibilities will include overall management and coordination of the projects and its consultants. As such, he will serve as the primary contact with The City of Glenarden personnel. Mr. Morgan's experience spans over forty-one years and is quite diverse. With his diverse background, he is particularly suited for work related to local government and municipal projects. He has successfully designed and managed public works, educational, commercial and municipal projects. Other project types include: residential, historic, medical, industrial, food service high tech, retail, and governmental, including Housing and Urban Development (HUD) and Housing and Community Development (HCD).


Mr. Morgan's exposure to virtually all aspects of design and construction qualifies him to serve as overall project manager and team leader. Additionally, Mr. Morgan is well versed in budgeting, programming, cost estimating, and working with various municipalities. Over 60% of Mr. Morgan's design experience is with industrial and/or government projects. In addition to architectural design, his experience also includes space planning, interior design, landscape design, value engineering, sustainable design (LEED) and cost estimating. He has designed numerous pre-engineered buildings as well.

In addition to architectural design, his experience also includes space planning, interior design, landscape design, value engineering, sustainable design (LEED) and cost estimating. With recent design experience several City of District Heights projects, he is familiar with many Government regulations including Prince Georges County. Other **Open-End** contracts he has experience with include: US Army Corp of Engineers, Montgomery County, Baltimore City, St. Mary's County, US Navy, NIH, US Postal Service, Westinghouse Electronics Corp, Med-Tel International, Covell Communities and more.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION
a.	ST. MARY'S COUNTY - LEONARDTOWN PUBLIC LIBRARY RENOVATIONS Leonardtown, Maryland	2014	
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA <input checked="" type="checkbox"/> Check if project performed with current firm Principal Architect; A comprehensive renovation to an existing two story, 20,200 sf public library. The building was originally built as Armory for the U.S. National Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for County offices and a dormitory for released prisoners. In 1984 the building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust.		
b.	STATE HIGHWAY ADMINISTRATION – Cambridge Maintenance Facility Various Locations	2016	2017
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA <input checked="" type="checkbox"/> Check if project performed with current firm Principal Architect to provide a facility that is capable of housing tools and vehicles such as dump trucks, lawnmowers, large vacuum trucks, a 26,000 SF maintenance building, 13,000 SF vehicle storage building, 10,400 SF crew building, 4,000 ton salt barn, material storage bins, brine tanks, fuel island, truck wash, and on-site equipment/materials storage was designed. Functions include offices, conference rooms, inventory, lunch room, locker/shower rooms, three full-service bays with overhead crane, truck lifts, welding area, service reels, support equipment, vehicle storage for twelve dump trucks, pull-through wash bay, enclosed garage bays to store small pick-up type trucks and various types of equipment used in the field		
c.	MONTGOMERY CO. - BROOKVILLE ROAD HIGHWAY MAINTENANCE DEPOT Brookville, MD	2008	2010
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, <input checked="" type="checkbox"/> Check if project performed with current firm Principal Architect: A two phased project consisting of demolition of existing building and design of a new 33,000 sf masonry and structural steel framed highway maintenance facility. Programmed spaces included: Offices for workforce leaders, supervisor's office, conference room, muster/training/dining room, bunkrooms, locker room, stock clerk office, kitchen, parts storage, oil storage, fabrication / weld shop and mechanical / electrical rooms.		
d.	NATIONAL INSTITUTE OF HEALTH – OPEN END CONTRACT Bethesda, MD	1989 - 1991	1989 - 1992
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA <input type="checkbox"/> Check if project performed with current firm Project Architect: This task-order contract included a diverse range of renovation and new construction projects including medical research labs, clean rooms, pharmaceutical labs, pathology labs, offices, conference areas and storage facilities. Project construction cost range from \$350,000 - \$1.5 million.		
e.	CITY OF DISTRICT HEIGHTS – SENIOR ACTIVITY CENTER District Heights, MD	2019	2022
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA <input checked="" type="checkbox"/> Check if project performed with current firm Principal Architect: 10,500 SF senior activity facility. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. Construction consists of structural steel frame, concrete floor slabs, brick curtain wall facade with metal panel / glazing system. An outdoor terrace is provided on the second floor which overlooks the existing athletic fields. Construction Cost: \$4.7 million.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Jason Sipes	13. ROLE IN THIS CONTRACT Production Manager / Senior Drafter	14. YEARS EXPERIENCE		
		a. TOTAL 32	b. CURRENT FIRM 20	
15. FIRM NAME AND LOCATION Morgan Design Group, Architects				
16. EDUCATION Carroll Co. Career & Technology Center - Arch Design & Drafting Program 1995		17. CURRENT PROFESSIONAL REGISTRATION		



18. OTHER PROFESSIONAL QUALIFICATIONS

In Mr. Sipes' thirty (30) years of experience he has been exposed to various aspects of design and construction such as interior design, space planning, construction documents, and specifications. He has been associated with over 350 projects in various capacities, which include *design, consultation, drafting, and construction administration*. Mr. Sipes is experienced in various types of projects including: municipal, medical, senior housing, educational, civic, commercial, office, retail, and residential. His overall responsibility for this project will include *design support and CAD drafting*. He is dependable, conscientious, highly-productive, and also accustomed to working on projects with accelerated design schedules. Mr. Sipes has gained an excellent understanding of ADA regulations and senior related design issues.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION CITY OF DISTRICT HEIGHTS – MUNICIPAL BUILDING ADDITION / RENOVATION District Heights, Maryland	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION 2020 - 2021
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
a. Senior Designer / Drafter; for the design of a new two (2) story, 10,500 sf senior center addition, Rec Center renovation and Toilet Rooms / Locker Roof renovation. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, <u>teaching kitchen</u> , multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. A new entrance to the existing recreation center was also provided.		
(1) TITLE AND LOCATION WALDORF WEST PUBLIC LIBRARY & COMMUNITY BUILDING Waldorf, Maryland	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION 2012
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
b. Senior Drafter; The new Waldorf West Library is a two (2) story, 30,000 sf state-of-the-art, <u>multi-function public library to serve the needs of a diverse co</u> It will serve programs for children, their parents, seniors and other adults as well. The new Waldorf West Library is the first LEED Silver Certified library Maryland.		
(1) TITLE AND LOCATION ST. MARY'S COUNTY - LEONARDTOWN PUBLIC LIBRARY RENOVATIONS Leonardtown, Maryland	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016 - present	CONSTRUCTION 2016 - present
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
c. Senior Drafter: A comprehensive renovation to an existing two story, 20,200 sf public library. The building was originally built as Armory for the U.S. National Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for County offices and a dormitory for released prisoners. In 1984 the building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust.		
(1) TITLE AND LOCATION HUNT VALLEY ANIMAL HOSPITAL Hunt Valley, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2000	CONSTRUCTION 2001
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
d. Senior Designer / Drafter for the renovation and addition to an existing 8,000 square foot veterinary hospital. Our design challenge was two-fold; first to create additional clinical and office space on a small lot and secondly to solve the noise problem from the barking dogs. There was a hotel neighboring the property and residents from that hotel were complaining. The existing facility was actually cited by the Maryland Department of the Environment for excessive noise levels. In addition to all this, from a zoning standpoint, the facility was a "Non-Conforming Use" and therefore, any proposed construction required a Zoning Variance. Our services also involved preparation of Plat Plans to accompany the Zoning Variance Request. We were retained to present the case at the Zoning Hearing, we were successful, and the Variance was approved.		
(1) TITLE AND LOCATION STATE HIGHWAY ADMINSTRATION – Cambridge Maintenance Facility Various Locations	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION 2017
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
e. Senior Drafter to provide a facility that is capable of housing tools and vehicles such as dump trucks, lawnmowers, large vacuum trucks, a 26,000 SF maintenance building, 13,000 SF vehicle storage building, 10,400 SF crew building, 4,000 ton salt barn, material storage bins, brine tanks, fuel island, truck wash, and on-site equipment/materials storage was designed. Functions include offices, conference rooms, inventory, lunch room, locker/shower rooms, three full-service bays with overhead crane, truck lifts, welding area, service reels, support equipment, vehicle storage for twelve dump trucks, pull-through wash bay, enclosed garage bays to store small pick-up type trucks and various types of equipment used in the field.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Adele Richer, ASID	13. ROLE IN THIS CONTRACT Interior Designer / Drafter	14. YEARS EXPERIENCE		
		a. TOTAL 40	b. CURRENT FIRM 29	
15. FIRM NAME AND LOCATION Morgan Design Group, Architects				
16. EDUCATION CAZENOVIA COLLEGE FOR WOMEN, ASSOCIATES DEGREE, Interior Design + Graphic Design		17. CURRENT PROFESSIONAL REGISTRATION		

18. OTHER PROFESSIONAL QUALIFICATIONS
 38+ years of commercial interior design experience ranging from municipal, to corporate and foodservice/retail. Proficient in AutoCAD (currently using 2015), In Design, Microsoft Excel, Microsoft Word, Adobe Photoshop and Quickbooks Pro. Extensive space planning, construction documentation, graphics & signage, lighting, specification writing, furniture selection, all facets of interior design detailing and finish selection knowledge.
 25 years of business ownership with multiple employees bringing a leadership role and multifaceted business experience and team approach to project success. Currently applying for WBE/DBE certification.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION WALDORF WEST PUBLIC LIBRARY Waldorf, Maryland	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION 2014
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer: The new Waldorf West Library will be a two (2) story, 30,000 sf state-of-the-art, multi-function public library to serve the needs of a diverse community. It will serve programs for children, their parents and other adults as well. The new Waldorf West Library will be the first LEED Certified library in Charles County, Maryland		
b.	(1) TITLE AND LOCATION UMD ORTHOPAEDICS at COLE FIELD HOUSE College Park, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION 2017
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Generated Space plan, interior design package and design development documents. Approx 30,000 useable sq.ft facility featuring hospitality areas, conferencing and a hospitality-like approach to medical use design. Services included creating custom flooring patterns, all finish materials, lighting, furniture selection/placement and a large volume of custom design features. Role: Space Planner & Interior Designer Cost: \$6. M Start & Completion: 9/16-8/17 GSF: 39,000 New Construction Use of Building: Center for Sports Medicine, Health and Human Performance		
c.	(1) TITLE AND LOCATION CITY OF DISTRICT HEIGHTS – SENIOR CENTER / REC CENTER District Heights, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Interior Designer: The new Senior Activity Center for the City of District Heights is located immediately along side of the existing Municipal Building and Police Station at 2000 Marbury Drive, District Heights Maryland. MDG provided full design services for this two (2) 10,500 square foot facility. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices		
d.	(1) TITLE AND LOCATION BRUNSWICK LIBRARY Brunswick, MD	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION 2010
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Generated design and finishes package for entire library. Created Teen Zone and Discovery Zone prototype concepts. Generated all detail drawings and signage concepts. Role: Interior and Graphic Designer Cost: Start & Completion: 2008-4/11 GSF: +/- 15,000 New Construction Use of Building: Public Library		
e.	(1) TITLE AND LOCATION CARNEGIE SCIENCE CENTER Pittsburgh, PA	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009 - 2013	CONSTRUCTION 2013
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Interior Designer: Generated design for Warhol Café, Fossil Fuels Café, Riverview Café and Carnegie Café. Each area required multiple design options and custom millwork design. All finish selections and specialty design features were generated. Ongoing subsequent foodservice counter front design to Riverfront Café as well. Cost: \$2 M GSF: +/- 10,000 Renovated Area Use of Building: Science Center		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Kendall Rhyne	13. ROLE IN THIS CONTRACT Senior Designer / Drafter	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. CURRENT FIRM 12



15. FIRM NAME AND LOCATION Morgan Design Group, Architects
--

16. EDUCATION Maryland Drafting Institute, Architectural Drafting Degree, 1985	17. CURRENT PROFESSIONAL REGISTRATION
---	---------------------------------------

18. OTHER PROFESSIONAL QUALIFICATIONS
Mr. Rhyne has over 32 years of project experience in educational, hospitality, mixed use, commercial, retail and government design. His recent portfolio of work includes significant projects in Lexington Market, the Public Safety Training Center and Reisterstown Firehouse Addition. His approach to projects is genuinely bringing owners, engineers, designers, builders and the community into the process. He responsibilities include; CAD management, CD production and field surveys. He has participated in numerous Open-End Contracts.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION
a. PARK SCHOOL ATHLETIC CENTER Baltimore, MD	2008	2009
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Senior Designer: The new Athletic Center 42,000 SF building will house a large serves area, kitchen and seating area on the first floor. The second floor will house three new state-of-the-art science labs for use by Middle and/or Upper School students, as well as an administrative area for the business office. This facility is designed to be expanded as the school grows over the next 10-years. Construction cost \$4,000,000, Completion 2008. Role: Designer, Senior Drafter		
b. WALDORF WEST LIBRARY Waldorf, MD	2012	2014
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Drafter: The new Waldorf West Library is a two (2) story, 30,000 sf state-of-the-art, multi-function public library to serve the needs of a diverse community. It will serve programs for children, their parents and other adults as well. It will create a environment which allows full participation in the "digital world". Through a cooperative effort of various agencies, including the Charles County Board of Education, Southern Maryland Childcare Center, Charles County Literacy Council, Community Action Committee, Head Start and more, a comprehensive program was developed by MDG and the Library for this new library to become a centralized point to allow for effective dissemination of information and interaction among these agencies.		
c. BALTIMORE CITY COMMUNITY COLLEGE Baltimore, MD	2005	2006
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Senor Drafter: Renovation of the main building on the Liberty campus, and extensive renovations to new theater, new entrance and relocated food service area. Exterior renovation will include removal of the building's glass facade and replacement with materials that are compatible with other buildings on campus. Construction Cost \$40.8 million. Completion 2005 Role: Designer, Senior Drafter.		
d. MARYLAND SCIENCE & TECHNOLOGY BUILDING @ MILFORD Bowie, MD	2007	2008
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Senior Designer: A 466-acre, mixed-use business community that, at final build out, will contain nearly three million sq. ft. of office and R&D/flex space; approximately 200,000 SF. of retail space; and a full-service hotel. Office Building 151,892 SF Completion 2007 Role: Designer, Senior Drafter.		
e. PUBLIC SAFETY TRAINING CENTER Sykesville, MD	2002	2001
(3) BRIEF DESCRIPTION AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Senior Drafter: The Public Safety Training Center is a 200,000 SF facility with a five building campus dedicated to the education of law enforcement cadets and advanced studies for professional development of senior officers. The Master Plan includes a site assessment of 3 different State owned sites. The final site selection at Springfield Hospital in Sykesville, Maryland includes a building assessment, programming, a cost estimate, proposed phasing and a graphic site plan. The Master Plan was presented to the Department of Budget and Management for the State of Maryland and to the Town of Sykesville		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION *(City and State)*

City of District Heights Senior Center
District Heights, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
 2018

CONSTRUCTION (if applicable)
 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

The City of District Heights
 2000 Marbury Road
 District Heights, Maryland 20747

b. POINT OF CONTACT NAME

Mr. Dan Baden

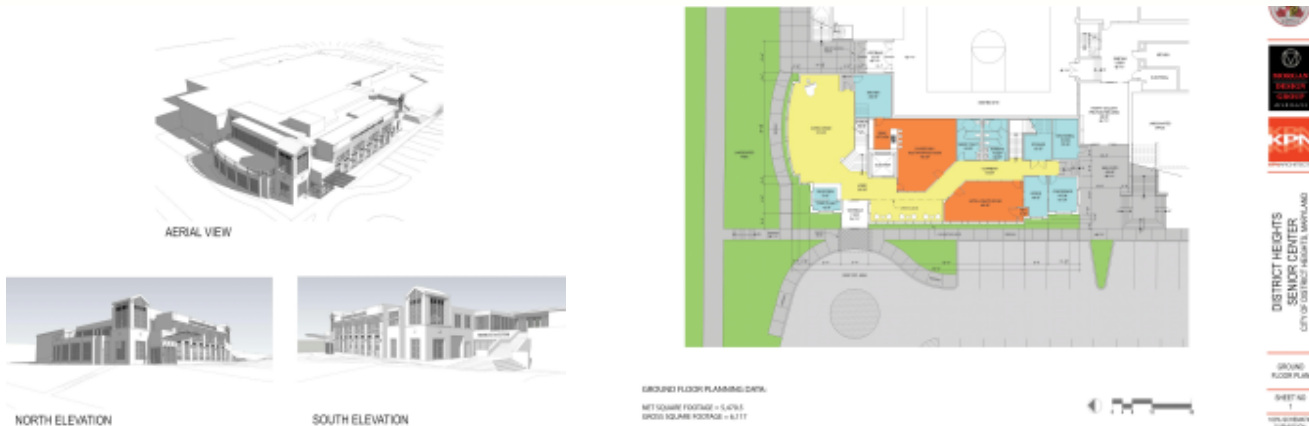
c. POINT OF CONTACT TELEPHONE NUMBER

(410) 980-1538

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



WEST ELEVATION



The new Senior Activity Center for the City of District Heights is located immediately alongside of the existing Municipal Building and Police Station at 2000 Marbury Drive, District Heights Maryland. MDG provided full design services for this two (2) story, 10,500 square foot facility. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. A new entrance to the existing recreation center was also provided.

Construction consists of structural steel frame, concrete floor slabs, brick curtain wall facade with metal panel / glazing system. An outdoor terrace is provided on the second floor which overlooks the existing athletic fields.

Relevance: Senior Center, public facility

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Morgan Design Group	Westminster, Maryland	Prime Consultant

b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME .	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION *(City and State)*

City of District Heights - Youth Services Bureau Building
District Heights, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION (if applicable)
2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

The City of District Heights
2000 Marbury Road
District Heights, Maryland 20747

b. POINT OF CONTACT NAME

Mr. Dan Baden
danbaden@comcast.net

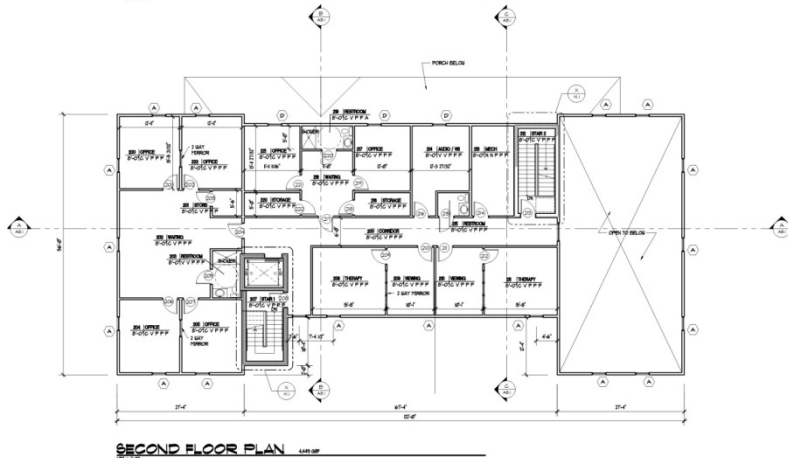
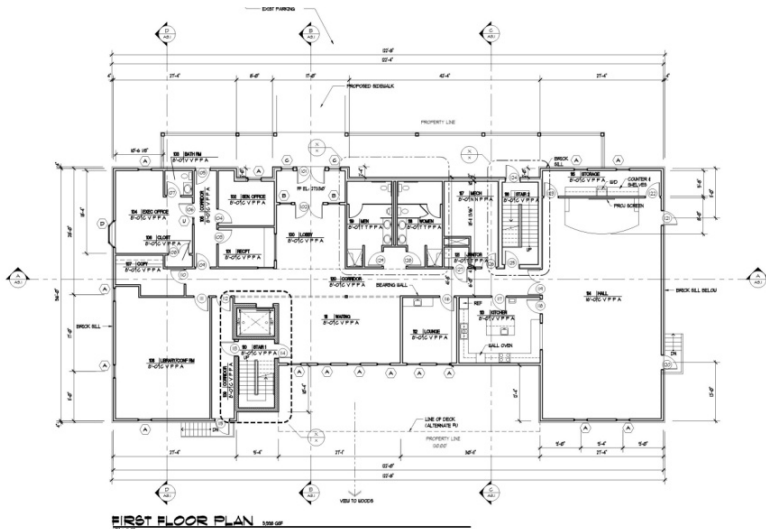
c. POINT OF CONTACT TELEPHONE NUMBER

(410) 980-1538

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The existing Youth Services Bureau is located in two temporary trailers on the site where the new Senior Center is to be located. As part of the Senior Center project that we recently completed a new home for the Youth Services Bureau was necessary before the Senior Center could be constructed. The City purchased land nearby which was originally part of a new townhome community. A six lot section of townhomes became available as the developer pulled out of the project.

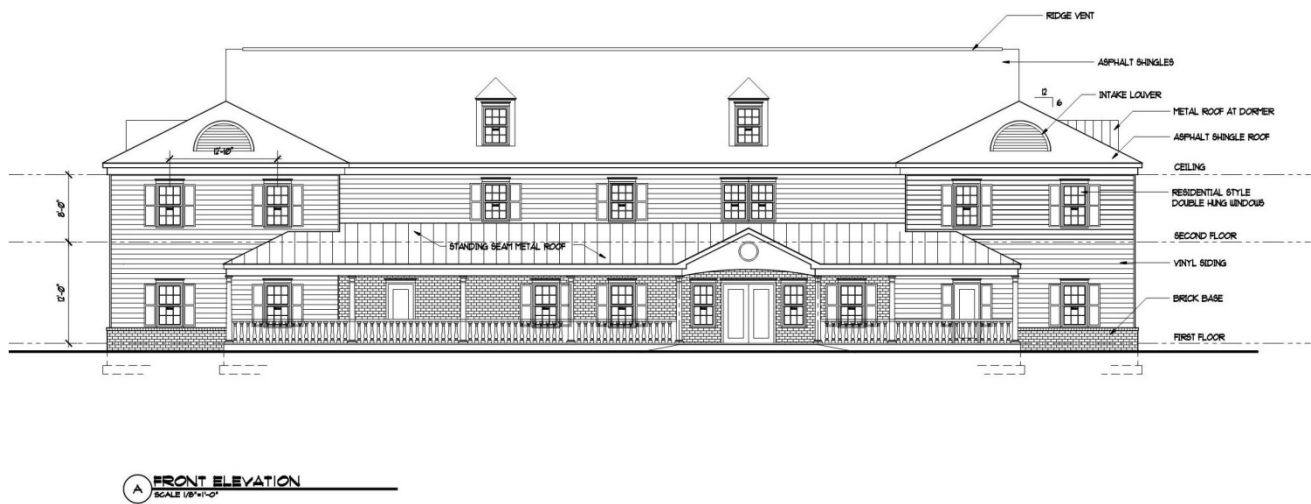
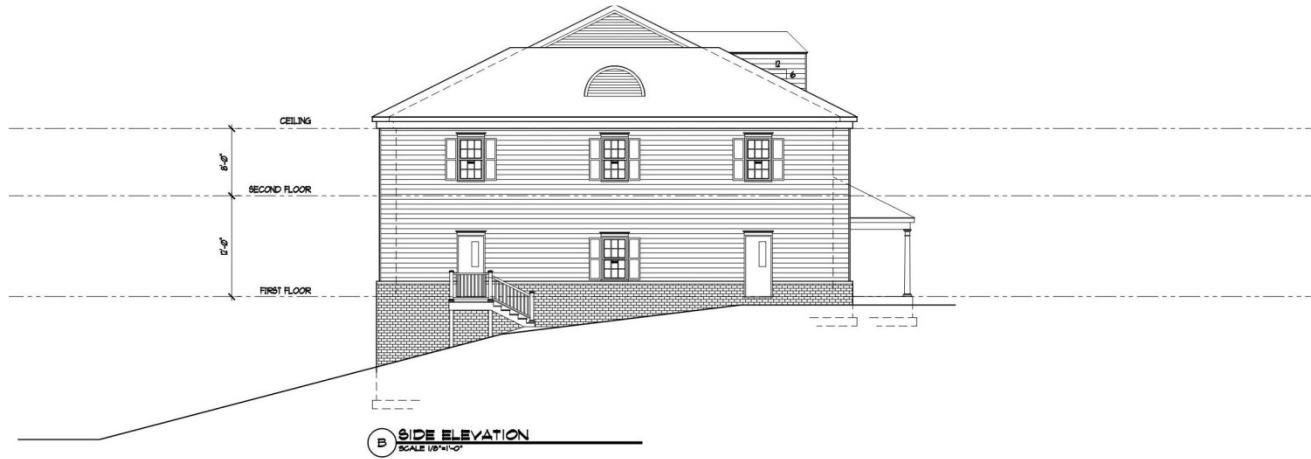
MDG was commissioned to prepare a design and construction documents for a new 10,500 GSF Youth Services Building on that site. The program included; youth counseling offices, play therapy / observation rooms, an banquet hall with small commercial kitchen, storage, audio room, a large waiting area with play features, administrative offices and a outdoor deck with Zen Garden. Because of the nature of the facility and the adjacent residential townhomes, a residential style both inside and out was decided upon. Construction is a two story wood frame / light commercial building with vinyl siding and brick veneer, double hung windows and asphalt shingle roofing. Modification to the existing SWM facility was required due to the new use.



Neighboring townhomes



Relevance: Local Government, Public Youth Services Facility



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Morgan Design Group	Westminster, Maryland	Prime Consultant (architect)
b.	Adtek Engineers	Frederick, Maryland	Civil / Structural Engineer
c.	G R Engineers	Baltimore, Maryland	MEP Engineer
d.			
e.	.		
f.			

Key Staff Participants:
 Jeffrey Morgan – Principal / Project Manager
 Kendall Rhyne – Cadd Drafter / Designer
 Anne Manchester – Specification Writer

acct# 2291861000 F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 3
--	--

21. TITLE AND LOCATION <i>(City and State)</i> GLADE VALLEY GOLF CLUBHOUSE Walkersville, Maryland	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) tbd

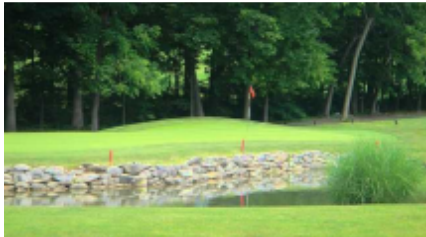
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Glade Valley Golf Club	b. POINT OF CONTACT NAME James Reck	c. POINT OF CONTACT TELEPHONE NUMBER 301-898-5555
--	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

MDG provided a feasibility study and schematic design services to expand the existing golf clubhouse and banquet facility. The current clubhouse is an old heavy-timber framed barn which was prior converted into the clubhouse, café' and pro shop.

Relevance: Golf clubhouse, Banquet Facility, Foodservice, Retail, Barn structure conversion, Community Center



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Morgan Design Group	(2) FIRM LOCATION <i>(City and State)</i> Owings Mills, Maryland	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION *(City and State)*

Waldorf West Public Library
Waldorf, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2009

CONSTRUCTION (if applicable)
2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Charles County Government

b. POINT OF CONTACT NAME

Mr. Mike Snyder / Ms. Emily Ferren

c. POINT OF CONTACT TELEPHONE NUMBER

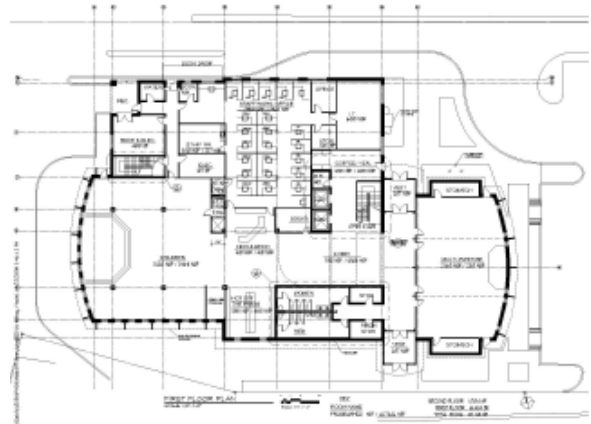
(301) 396-5829 / (301) 934-9001

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The new Waldorf West Library will be a two (2) story, 30,000 sf state-of-the-art, multi-function public library to serve the needs of a diverse community. It will serve programs for children, their parents and other adults as well. It will create an environment which allows full participation in the "digital world". Through a cooperative effort of various agencies, including the Charles County Board of Education, Southern Maryland Childcare Center, Charles County Literacy Council, Community Action Committee, Head Start and more, a comprehensive program was developed by MDG and the Library for this new library to become a centralized point to allow for effective dissemination of information and interaction among these agencies.



Programmed spaces include: Multi-Purpose Meeting Rooms, Children's Area, Circulation Desk, New Releases, Knowledge Center, Teen Central, Vending / Cafe, Study / Tutor Rooms, reading areas throughout and more. The Library will house about 30,000 volumes of various media. Interactive learning technology was also be included.



Construction consist of structural steel frame, masonry veneer with metal stud backup, concrete floor slabs, standing seam metal roof, high efficiency HVAC for 20% energy savings.

The new Waldorf West Library will be the first LEED Certified library in Charles County, Maryland.

"You do a great job advocating for our needs as part of the design and it is sincerely appreciated" - Emily Ferren, Waldorf Library

Relevance: Public Library, Southern Maryland experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Morgan Design Group	Owings Mills, Maryland	Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION *(City and State)*

Leonardtown Public Library Renovations

Leonardtown, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION (if applicable)
2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

St. Mary's County Government
23250 Hollywood Road
Leonardtown, Maryland 20650

b. POINT OF CONTACT NAME

Gary Whipple
Mary Lee Russell

c. POINT OF CONTACT TELEPHONE NUMBER

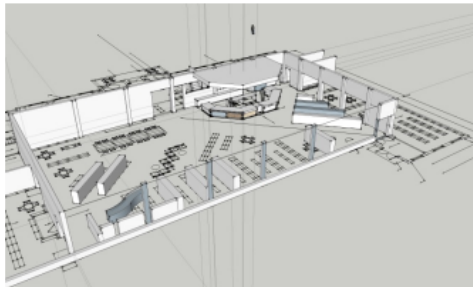
(301) 863-8400 x3565
(301) 475-2846 x1005

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

A comprehensive renovation to an existing two story, 20,200 sf public library. The building was originally built as Armory for the U.S. National Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for County offices and a dormitory for released prisoners. In 1984 the building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust.

MDG was commissioned to renovate the library which included the following"

- Expand Children's area
- Add a new circulation desk
- Reconfiguration of bookstack area
- Reconfigure the second floor for study and tutor rooms
- Provide ADA access to the second floor via a new elevator
- Creation of a new communicating stair for better visibility and access to the second floor
- General code compliance upgrades
- Addition of a second exit stair
- Complete HVAC and electrical upgrades
- Repair of existing windows to meet Maryland Historical Trust requirements.



Relevance: Public Library, Local / St. Mary's County Project Experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Morgan Design Group	Owings Mills, Maryland	Prime Consultant
b.	Gipe Associates	Baltimore, Maryland	MEP Engineer
c.	Morabito Consultants	Sparks, Maryland	Structural Engineer
d.	Soltez	Leonardtown, Maryland	Civil Engineer

e.	(1) FIRM NAME .	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION *(City and State)*

CHESAPEAKE COMMUNITY COLLEGE LIBRARY
Learning Resource Center / Internet Cafe
 Wye Mills, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2001

CONSTRUCTION (if applicable)
2003

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Chesapeake Community College

b. POINT OF CONTACT NAME

Monte Garrettson

c. POINT OF CONTACT TELEPHONE NUMBER

(410) 827-5872

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

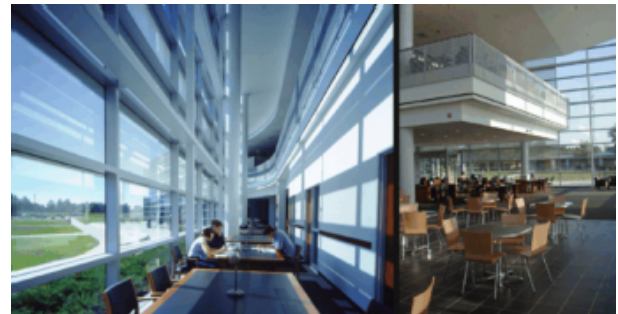
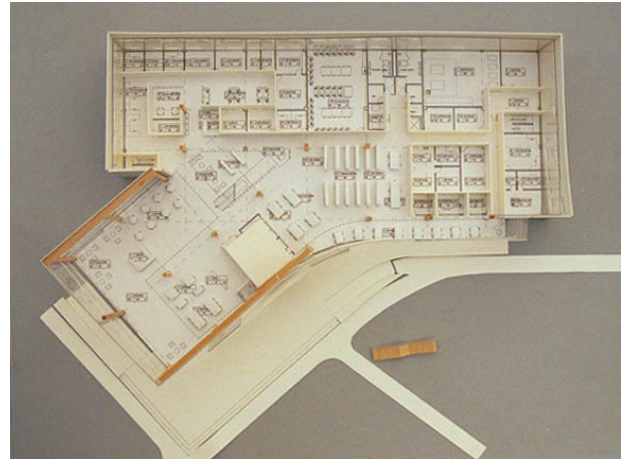


Associated Architect for completion of Design Development, Coordination and Construction Documents for a 2-story 45,000 sf Learning Resource Center with Library, Open and Private Study Areas, Admin. Office Spaces, Conference / Seminar Space, Classrooms, Lounge and Cyber Café.

Construction consisted of glazed 2-story curved curtain wall with solar screens and tinted glass. Other exterior facades are brick veneer on steel frame to match adjacent buildings.

Conference / Seminar Rooms and Classrooms have movable partitions and projection screens with ceiling mounted projectors. Power and data communication cabling are via wire duct system located under the slab encased in concrete.

Other design features included: graphic display wall at the main entry, outdoor terrace for ceremonial functions, such as commencement, a monumental slate stair in center of main volume, an open 2-story public space, and Furniture, Fixtures, and Equipment (FF&E) Layout. Construction Cost: \$7.8 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Morgan Design Group	Owings Mills, Maryland	Consultant Architect
b.	Gipe Associates	Easton, MD	Mech / Elec Engineer
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION *(City and State)*

MONTGOMERY COUNTY – FLEET RADIO REPAIR FACILITY

Derwood, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2001

CONSTRUCTION (if applicable)
2002

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Montgomery County DPW&T

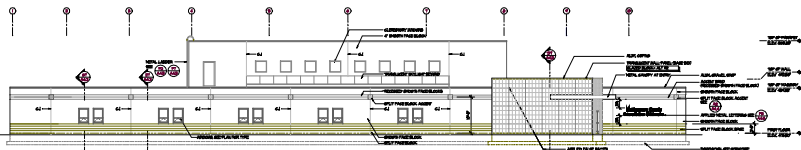
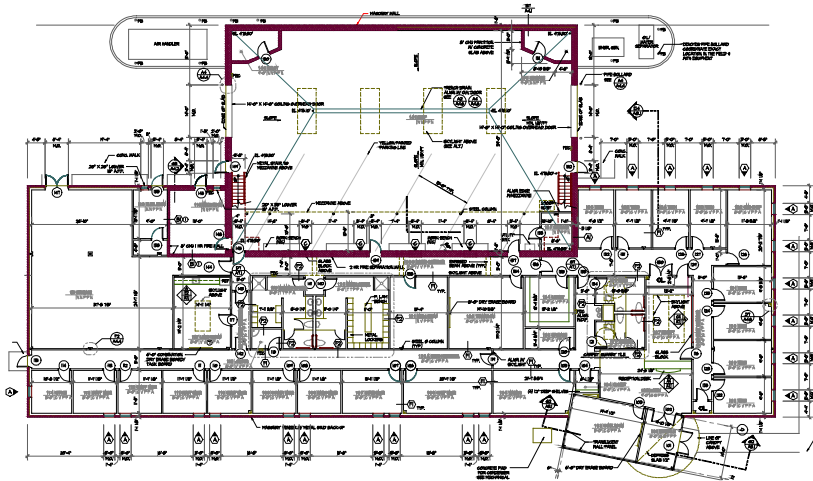
b. POINT OF CONTACT NAME

Mike Lowe

c. POINT OF CONTACT TELEPHONE NUMBER

240-773-8000

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Primary responsibilities include planning, design and coordination of mechanical, electrical, structural, and civil engineering consultants for a 14,000 square foot radio repair shop. In addition, the scope of the project includes filing for and tracking all necessary building permits, as well as WSSC and storm water management approvals, and construction administration services for the duration of the construction phase of the project.

The primary user of this facility is the Montgomery County Department of Information Systems and Telecommunications, Communications Maintenance Section. The future site is located behind the Montgomery County school bus depot. Major issues involved in the project included coordination of the construction schedule and trenches for utilities with the school year schedule to minimize disruption of the bus depot activities. As such, the construction period must be carefully orchestrated and fast-tracked to allow for repair of the bus depot parking lot in the time-frame allotted. Other issues included providing large repair bays and sufficient turning room for large fire engines, designing adequate cooling for the shop area within the project budget, and providing secure storage for new, expensive radio units. In addition, the user required limited security access to specific areas of the building, controlled through a magnetic key card system.

Relevance: [Montgomery County Government Experience](#)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION *(City and State)*

Ocean City 2nd Street Public Works Complex

Ocean City, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION (if applicable)
2019 estimated

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

The Town of Ocean City
Public Works Administration
208 65th Street
Ocean City, Maryland 21842

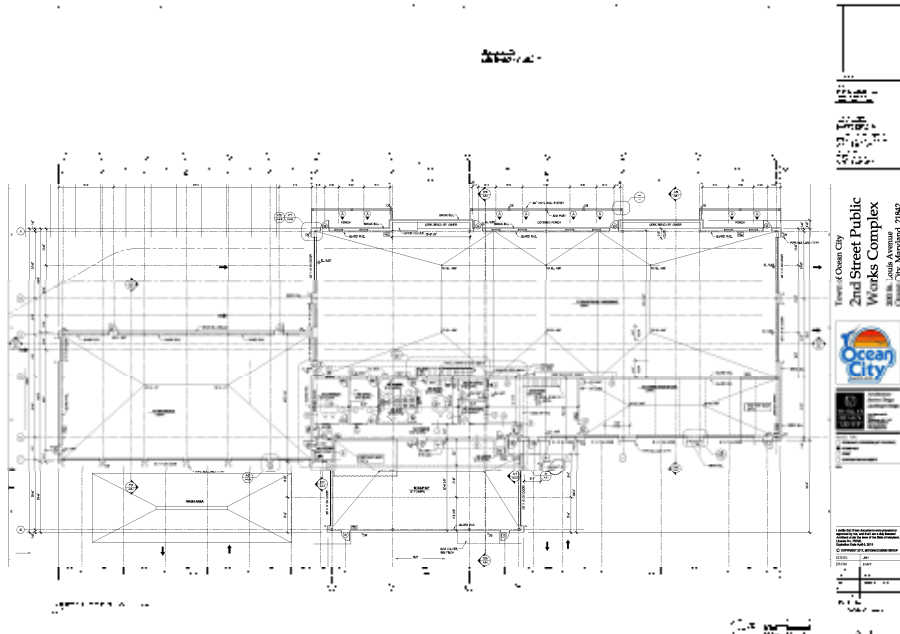
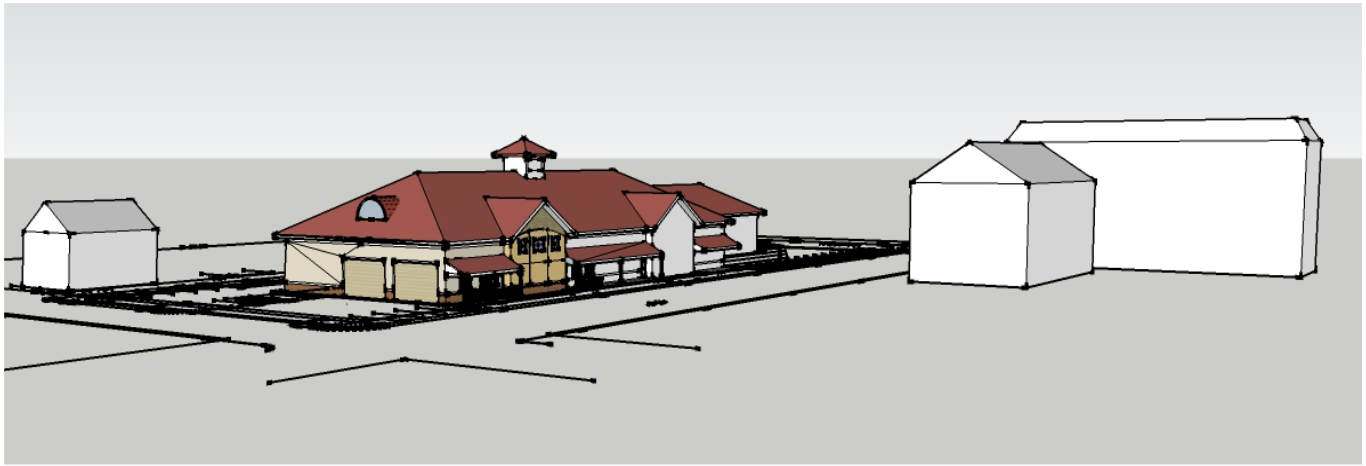
b. POINT OF CONTACT NAME

Mr. Dean Deshiell

c. POINT OF CONTACT TELEPHONE NUMBER

(410) 520-5428

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



The new 2nd Street Public Works Complex serves the needs of the visitors of Ocean City and residents alike. This 19,475 sf, single story, steel and masonry structure, located on St. Lewis Street between 2nd & 3rd street bayside will service and store the majority of the town's public work equipment including; boardwalk trams, beach cleaning tractors and various other maintenance equipment. It will also serve as an Emergency Operations Center in times of hurricanes and other weather events. A 4,000 KVA emergency generator is provided as well as a 1,000-gal fuel tank and dispenser. A

Separate storage areas are provided for each major category of equipment, all with access to administrative office, Muster Room, and toilet facilities.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Morgan Design Group	Westminster, Maryland	Prime Consultant (architect)

b.	(1) FIRM NAME McCrone Engineers	(2) FIRM LOCATION <i>(City and State)</i> Salisbury, Maryland	(3) ROLE Civil Engineer
c.	(1) FIRM NAME Kibart Engineers	(2) FIRM LOCATION <i>(City and State)</i> Baltimore, Maryland	(3) ROLE MEP Engineer
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME .	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

21. TITLE AND LOCATION <i>(City and State)</i> SHA – CAMBRIDGE MAINTENANCE FACILITY Cambridge, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2017

23. PROJECT OWNER'S INFORMATION

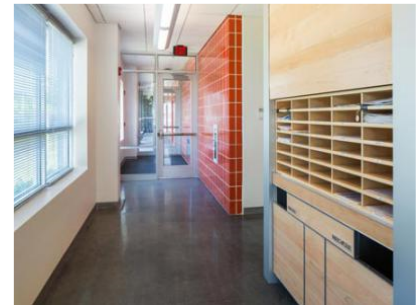
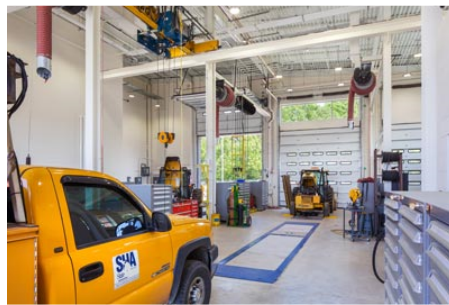
a. PROJECT OWNER State of Maryland – State Highway Administration	b. POINT OF CONTACT NAME William Glassmyer PE	c. POINT OF CONTACT TELEPHONE NUMBER 410-316-2347
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

As part of an ongoing open-end contract with SHA (as Associate Architect with WRA) we designed numerous storage and maintenance facilities. As a sub-consultant, MDG provided complete thermal envelope review and consultation including detailing of walls, roofing, flashing, windows, doors, etc.

The Cambridge Maintenance Facility is critical to supporting the maintenance of roads and infrastructure, as well as safety work during inclement weather and when a state of emergency is issued.

To provide a facility that is capable of housing tools and vehicles, such as dump trucks, lawnmowers, large vacuum trucks and service trucks, a 26,000 SF maintenance building, 13,000 SF vehicle storage building, 10,400 SF crew building, 4,000 ton salt barn, material storage bins, brine tanks, fuel island, truck wash, and on-site equipment/materials storage was designed. Functions include offices, conference rooms, inventory, lunch room, locker/shower rooms, three full-service bays with overhead crane, truck lifts, welding area, service reels, support equipment, vehicle storage for twelve dump trucks, pull-through wash bay, enclosed garage bays to store small pick-up type trucks and various types of equipment used in the field.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	WRA, Inc	Sparks, Maryland	Prime Consultant
b.	Morgan Design Group, Architects	Westminster, Maryland	Associate Architect
c.			
d.			
e.	.		
f.			

H. ADDITIONAL INFORMATION

29. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

COMPANY INFORMATION



Morgan Design Group, Architects

2775 Green Leaf Court, Suite B

Westminster, Maryland 21157

Phone: (410) 356-0122

Fax: (443) 926-9964

Web: www.mdgarch.com

Jeffrey B. Morgan, AIA - Principal email: jmorgan@mdgarch.com

BRIEF HISTORY OF FIRM

Morgan Design Group, Architects (MDG) is an award winning, full service architectural firm committed to providing the highest quality architectural services possible. The firm was founded in January of 1991 (nearly 30 years ago) by Jeffrey B. Morgan, AIA on the basis that all clients should expect the principal's involvement at all phases of the project, regardless of the project's size or scope. As the business owner, Mr. Morgan is the primary contact and is responsible for overall management and quality control. The firm has been providing design services for commercial projects, including higher educational facilities of all types since its inception in 1991. In addition, Principal Jeffrey Morgan's 38 years of experience includes numerous colleges, libraries, both public and academic as well as many community related projects.

Morgan Design Group is a seven (7) person firm that is capable of providing complete architectural/engineering services including; programming, interior design, feasibility studies, cost estimating, and construction administration for virtually all project types including; municipal, educational, commercial, senior housing, medical, industrial, institutional, technological and residential. We have recently provided design services for single projects of up to \$44 million in construction cost. We are not a "mega-firm". We have chosen to control our growth to ensure that our experienced Principals are fully vested in the very specific needs of each client. By having fewer clients at any given time, we can focus our attention to their project needs while at the same time bringing decades of experience to bear. Our philosophy is simple. *"We design to meet our clients' needs, not merely to impress other architects"*. We involve you in the design process.

MDG offers the following professional services:

- Architectural design & documentation
- Interior design
- Landscape design
- Space planning
- Library Planning
- Programming
- Feasibility studies / reports
- Cost estimating / budget assistance
- Construction administration services
- Zoning & master planning assistance
- Site analysis, evaluation & selection
- ADA evaluations
- Historical preservation / restoration
- Graphic design & rendering
- Drafting services (both CAD and manual)
- Building Information Modeling (BIM)
- Complete engineering (with consultants)
- LEED Evaluation / High Performance Design
- Complete engineering services via consultants



UNDERSTANDING THE REQUIREMENTS & ABILITY TO MEET

We understand this is an “Indefinite Delivery Indefinite Quantity” (IDIQ) contract for a term of _____. MDG is accustomed to working on IDIQ and fits with our business model perfectly. We have recently held IDIQ contracts with the State of Maryland Judiciary, Med-Tel International and St. Mary’s County Department of Public Works & Transportation. As such, we understand that the nature of these types of projects tend to be smaller in scale and often with tight timelines. We have the staff to quickly assess the project requirements and deliver in a timely manner. Additionally, we have experience in virtually all project types including, but not necessarily limited to: public use facilities, senior facilities, municipal, judicial, recreational, medical, and more.

WORK PLAN

Project Approach

As with all projects, our project approach begins with a careful selection of engineering and other specialty consultants tailored for each client and their project.

Morgan Design Group values the involvement of the client in the design process. You will find us to be willing listeners and team players. We have aligned ourselves with quality consultants and associates. The appropriate team of consultants is assembled based on each project’s requirements. We are able to provide the client with a design solution that is original, practical, and meets the project objectives. Not simply a textbook design.

Design management will begin with in-depth interviews of the user’s key personnel, faculty, staff and administrators to clearly understand the needs, deficiencies and goals for the project. As a result, the final analysis will be clearly developed. A clear and precise understanding by all members of the design team at the onset is critical to the success of the project.

Pre-Planning

The pre-planning is the most critical step in a facility condition assessment (FCA). If it isn't done or is done poorly, the entire project and outcomes will suffer immensely. Pre-planning is completed before any fieldwork, data collection, analysis, or programming is done. It’s here where the right communication, expertise, leadership, and collaboration adds immense value to your project and your future strategic decisions for your facilities and campus. The specific details and philosophies for your assessment, data, analysis, and reporting is discussed and clarified.

We lead strategic discussions with your stakeholders in a collaborative process that ensures that the data collected, database, integrations, and reports are the tools that you’ll need to be able to make informed and confident decisions for facility for years to come.

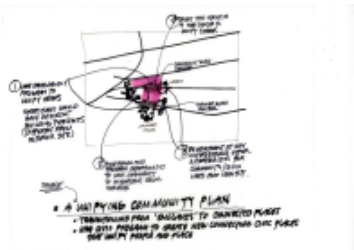
Specific task anticipated for your project will include:

- Meet with key personnel from the community center to ascertain needs, goals, objectives and possible constraints, then clearly document results of this meeting and distribute to all and incorporate into design development.
- Document existing condition with respect to size, current usage, possible usage, physical conditions, and limitations. This will include, architectural, ADA, MEP, energy consumption, site conditions, long-term operating cost and life expectancy, etc.
- Review on-site activities, programs, operations and interview staff to fully understand all assets as well as deficiencies with the facility from both a physical and operational standpoint.
- Provide an “asset health index” that reflects the health of your equipment, systems and facilities and where they are in their life cycle. This index can help you understand what intervention is needed and how soon – maintenance, refurbishment or planned replacement.
- Provide a Conditions Assessment that can help you design an asset management program to appropriately care for existing assets and facilities.
- Provide Cost analyses and timelines to help you build your capital budget
- We expect that this assessment study will be used to develop future programs and possible construction or renovation to your facility. We will ensure that actual field conditions and dimensions are documented accurately.
- Be willing listeners and team players throughout the process. (always consider the user’s point of view)
- Remain open to suggestions and comments from all user agencies.
- Develop a successful professional working relationship with The City of Gaithersburg.
- Create an esthetically pleasing and functional solution that meets the needs of the Community.
- Abide to a timely and streamlined design process throughout all stages of the project. Assuring that the client and the entire design team has a clear understanding of the needs, goals and schedule required to complete the project.

It is expected that the City will provide access to all areas of the project facilities upon reasonable request timeline. The city shall also make available to the A/E team all existing documentation related to the facility for physical assessment and future needs assessment purposes. We understand the need for adequate notice to City personnel to gain access to sensitive or secure areas. As a public community facility, we understand the need to respect the privacy of the staff and users and will conduct our investigations accordingly.

We anticipate a series of meetings throughout the process. The initial kick-off meeting will include the entire A/E team along with key staff and administrators of the community center to determine goals and an acceptable work plan moving forward. There may be a need for additional meetings with user groups to solicitate their needs and input. Finally, there will be a presentation to present the results of our finding and to discuss the next phase as appropriate.

Approvals are typically required for building construction or alterations which are anticipated to be part of subsequent phases but not anticipated in this FCA/FUNA phase. One possible exception would be if any destructive testing is required, however none is anticipated at this time.



Project Cost Control

Project Cost is controlled by use of specialized computer programs to prepare construction cost estimates. Most importantly, we do not rely solely on outside cost estimators. They, like Contractors, sometimes price only what is shown on the drawings. We utilize our diverse experience and feedback from contractors to develop cost estimates. These estimates will follow the new standard 2004 CSI 49 division format.

Quality Control

Quality Control or better termed Quality Assurance is a process, not just a result. It is on-going. In our office, it is applied to both function and esthetic. Quality Control reviews are typically performed at each phase of the project. Final reviews at the end of all stages will be conducted by the principal in charge, Jeffrey B. Morgan. These reviews are performed using a standard checklist that we have developed based on our diverse experience.

Quality control will also be monitored throughout the project with review meetings with the consultants and the presence of the client will be requested when needed. Morgan Design Group will also conduct site visits. The firm's close proximity to the site will allow for quick arrival to the site when necessary. Additionally, we ask our clients to fill-out our performance evaluation questionnaire midway and at the completion of the project. This will be especially important with this project in that its duration will be relatively short compared to a full design project. Our Design Quality Control (DQC) Plan will be submitted to the client at the onset of the project.

Company Resources

If your projects require Computer-Aided Design and Drafting (**CADD**), and Building Information Modeling (**BIM**) we have the latest state of the art resources in-house utilizing both AutoCad and Revit software. We also have the hardware to support all office functions including, plotting, blueprinting, photocopying, color rendering, 3D graphics, structural design, scheduling, project management, accounting, and administration. Additionally, we use the advantages of e-mail and the Internet to transfer documents to our clients and consultants quickly and reliably.

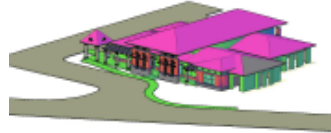
High Performance Design

In recent years, MDG has set in-house design standards to implement both "High Performance" and "Green Building" standard on all projects whenever possible or appropriate to our clients desires. We have recently provided **LEED design** for Charles and Montgomery County Government Projects and sustainable design for recent private school renovations. Our diverse experience along with emerging technologies will ensure that our designs will:

- Provide for a healthy indoor environment for the residents
- Insure ease of maintenance and operations
- Conserve energy and natural resources
- Serve the needs of the community, now and in the future
- Serve as a teaching tool to be good stewards of our environment
- Provide a safe and secure environment for living

Example strategies may include; natural day lighting, natural ventilation, air quality, utilizing natural site features for storm water runoff, use of high efficiency mechanical / electrical systems, life cycle cost analysis, and commissioning.

To ensure maximum effectiveness and success, we often turn to our outside consultants for guidance, combined with our in-house staff experience on more complex projects. We are also members of the US Green Building Council.



MANAGEMENT PLAN & TIMELINE

Schedules are prepared utilizing sophisticated computer software (Microsoft Project) programs. Every other Monday, project meetings are held with MDG and their consultants to discuss current issues and staff assignments to each project. Project schedules are updated at each design meeting with the client and at in-house meetings. The schedule tracks the actual progress with the original schedule in a graphical and numerical format. Adjustments in personnel assignment are made accordingly. Also, important design submittals with local approving agencies (particularly site related) are identified and tracked as well. Examples would include Storm Water Management Concept Plans, applications for public utility connections, Reforestation and the like.

FIRM EXPERIENCE & CAPABILITIES

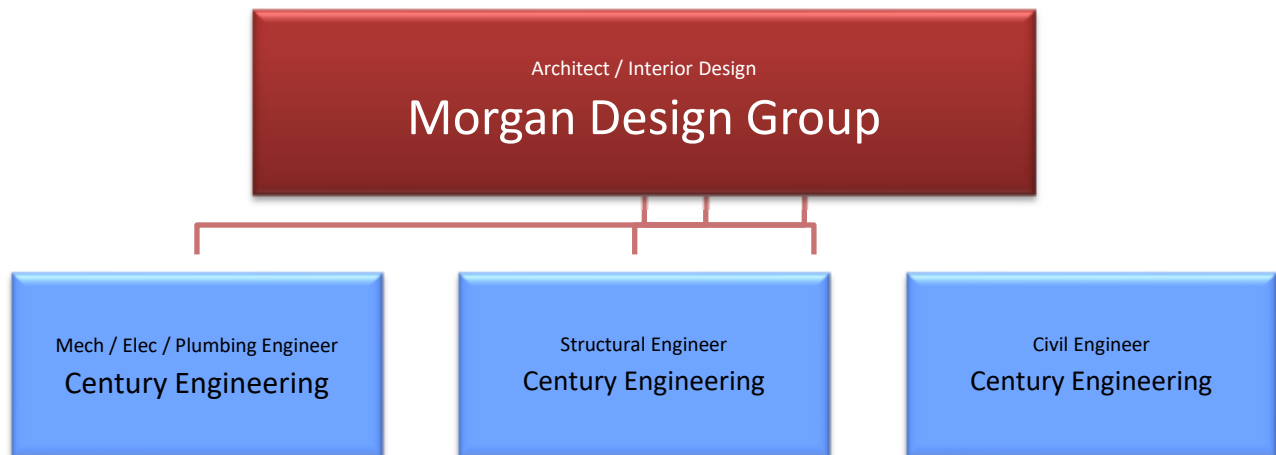
Company Resources

If your project requires Computer-Aided Design and Drafting (**CADD**), and Building Information Modeling (**BIM**) we have the latest state of the art resources in-house utilizing both AutoCad and Revit software. We also have the hardware to support all office functions including, plotting, blueprinting, photocopying, color rendering, 3D graphics, structural design, scheduling, project management, accounting, and administration. Additionally, we use the advantages of e-mail and the Internet to transfer documents to our clients and consultants quickly and reliably.

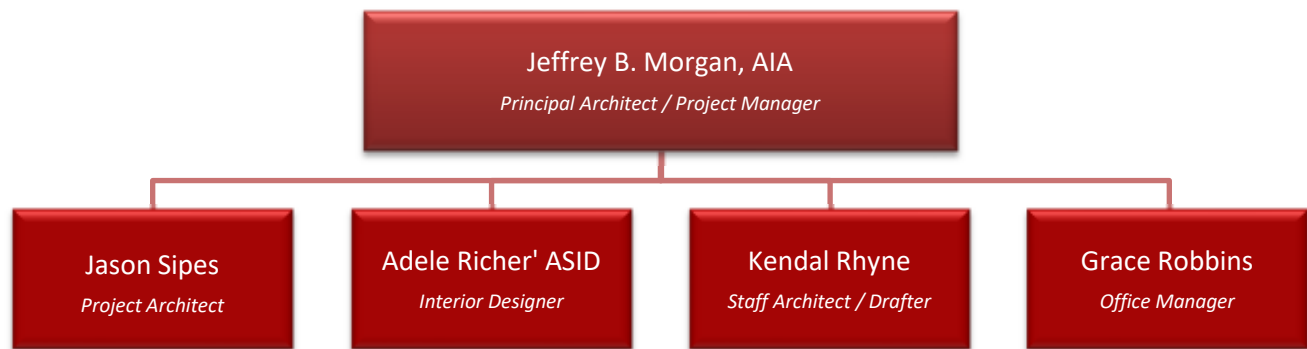
Experience with Prince Georges County Permits

Over our 31 years of practice, we have had many occasions to work with the local building permit, zoning and fire marshal's office and in various capacities. This includes recent past experience for several projects in **Prince Georges County**, therefore we have up to date knowledge of all Permitting regulations. Building and sprinkler permits are issued through Department of Permitting Inspections & Enforcement (DPIE). Food related facilities require approval from the Health Department. Other agencies include WSSC, MNCPPC, NFPA, State of Maryland, etc. [Building permits are issued by the City.](#)

Team Organizational Chart



MDG Staff Assignments



MDG and our team of consultants has extensive experience with **municipal** and **Indefinite Delivery / Indefinite Quantity** (open-end) contracts. This represents approximately 20% of our revenue. We have been providing these services for 30 years. However, virtually every project requires some level of programming or FUNA task. One recent project of note is the City of District Heights Senior Community Center which was a 10,500sf addition to their existing Municipal Building. (see attached Project Experience sheet) Our Principal Architect, Jeffrey Morgan, AIA has been providing similar services for the past 42 years and leads this effort at MDG. Our office, consisting of a staff of seven (7) is located in Westminster, Maryland, just 40 minutes from the City of Gaithersburg. The principal contact is Jeffrey Morgan, AIA.

STAFF QUALIFICATIONS, EXPERIENCE & CAPABILITIES

Current Workload

Having worked for many community and local government clients, we are accustomed to working with tight schedules. We are currently at about 50% production capacity. We have recently completed some of our larger projects, so we have staff available and are able to begin work immediately.

Staffing / Manpower:

With an in-house staff of seven (7) historically, we have been able to meet the needs and schedules of all of our clients. We have staff available immediately as indicated by the table below. The timing of this project would fit our work schedule perfectly. To that end, we expect to have a minimum of three (3) in-house staff available immediately for your project. Furthermore, other staff resources can be available in short order with simple in-house staffing adjustments. Staffing is typically reviewed on a weekly basis and adjustments are made to meet particular project demands.

Current technical staff availability in man-hours: (12 month projection)

Architectural / Interior Design (* indicates staff assigned to this project)

<u>Staff Member</u>	<u>3 months</u>	<u>6 months</u>	<u>9 months</u>	<u>12 months</u>
Jeff Morgan, Principal / PM *	25 hrs / wk	30 hrs / wk	30 hrs / wk	30 hrs / wk
Jason Sipes, Design / production*	30 hrs / wk	30 hrs / wk	40 hrs / wk	40 hrs / wk
Adele Richer', Production *	30 hrs / wk	30 hrs / wk	40 hrs / wk	40 hrs / wk
Grace Robbins, Admin*	20 hrs / wk	20 hrs / wk	20 hrs / wk	20 hrs / wk
William Moyer, Production	10 hrs / wk	30 hrs / wk	30 hrs / wk.	40 hrs / wk
Julie Wilson, Design Quality Control	10 hrs / wk	10 hrs / wk	20 hrs / wk	20 hrs / wk
Kendall Rhyne – Production	10 hrs / wk	20 hrs / wk	30 hrs / wk	30 hrs / wk
Total	135	170	210	220

Engineering Consultants (assigned to this project)

Mechanical Engineers	60 hrs / wk	60 hrs / wk	80 hrs / wk	80 hrs / wk
Electrical Engineers	60 hrs / wk	60 hrs / wk	80 hrs / wk	80 hrs / wk
Food Service Consultants	20 hrs / wk	20 hrs / wk	10 hrs / wk	0 hrs / wk
Total	140	140	170	160

We anticipate that 4 of our 7 inhouse staff will be assigned to you project. Refer to staff resumes for detailed experience & qualifications. We expect to sub-contract the engineering and specialty portions of this contract as noted in the Team Organizational chart above.

REFERENCES

Client: **City of District Heights**
Address: 2000 Marbury Avenue
District Heights, Maryland 20747
Contact: Mr. Daniel Baden, City Treasurer
Phone: (410) 980-1538
email: danielbaden@comcast.net
Project Name: District Heights Senior Community Center
Description: The new Senior Activity Center for the City of District Heights is located immediately alongside of the existing Municipal Building and Police Station at 2000 Marbury Drive, District Heights Maryland.

Client: **St. Mary's County Government**
Address: 23250 Hollywood Road
Leonardtown, Maryland 20650
Contact: Mr. Gary Whipple
Phone: (301) 863-8400 x3565
email: Gary.Whipple@stmarysmd.com
Project Name: Leonardtown Public Library Renovation
Description: A comprehensive renovation to an existing two story, 20,200 sf public library.

Client: **Charles County Public Libraries**
Address: 2 Garrett Avenue
LaPlata, Maryland 20646
Contact: Ms. Emily Ferren, Director
Phone: (301) 934-9001 ext. 20
email: eferren@somd.lib.md.us
Project Name: Waldorf West Library
Description: A new "state of the art", LEED Certified, two story, 30,000 sf public library with multi-purpose community meeting rooms.

Client: **Charles County Department of Planning & Growth Management**
Address: 200 Baltimore Avenue
LaPlata, Maryland 20646
Contact: Mr. Mike Snyder, Project Manager
Phone: (301) 936-4829
email: SnyderM@charlescounty.org
Project Name: Waldorf West Library
Description: A new "state of the art", LEED Certified, two story, 30,000 sf public library with multi-purpose community meeting rooms.

Client: **State of Maryland Judiciary Service**
Address: 501 E. Fayette Street, Room 300
Baltimore, Maryland 21202
Contact: Mr Joseph White, Facilities Administrator
Phone: (410) 878-8961
email: Joe.White@mdcourts.gov
Project Name: Snow Hill District Court Addition
Description: A new lobby addition to accommodate expansion of Waiting Area, relocation of metal detectors and new Xray equipment.

Client: **State of Maryland Judiciary Service**
Address: 501 E. Fayette Street, Room 300
Baltimore, Maryland 21202
Contact: Mr Jim Riley, Construction Manager
Phone: (410) 878-8826
email: Jim.Riley@mdcourts.gov
Project Name: Essex District Court Building Renovations
Description: Interior modifications to three courtrooms to include replacement of finishes, and improved lighting.

Client: **Montgomery County Department of Public Works & Transportation**
Address: 101 Monroe Street
Rockville, Maryland 20850
Contact: Mr Mike Lowe, Project Manager

Phone: (240) 777-6110
email: Mike.Lowe@montgomerycountymd.gov
Project Name: Montgomery County Radio Repair Facility
Description: Primary responsibilities include planning, design and coordination of mechanical, electrical, structural, and civil engineering consultants for a 14,000 square foot radio repair shop. In addition, the scope of the project includes filing for and tracking all necessary building permits, as well as WSSC and storm water management approvals, and construction administration services for the duration of the construction phase of the project.

Client: **Covell Communities**
Address: 16811 Chestnut Street, Suite B
Gaithersburg, Maryland 20877
Contact: Mr. Charles (Chuck) Covell, Owner
Phone: (301) 427-1400
email: ccovell@covellcommunities.com
Project Name: 1. Chester River Landing & 2. Gibson's Grant
Description: 1. Exclusive residential waterfront community consisting of 44 period historic residential living units with garage, boat slips and community building with pool. Construction cost: \$45 million (estimated)
2. A new 16 unit townhome community on Maryland's Eastern Shore.

Client: **Montgomery County Department of Public Works & Transportation**
Address: 101 Monroe Street
Rockville, Maryland 20850
Contact: Ms. Saba Medhin , Project Manager
Phone: (240) 777-6015
email: Saba.medhin@montgomerycountymd.gov
Project Name: Montgomery County - Aspen Hill Library Renovations
Description: Aspen Hill is a Montgomery County branch library originally built in 1965 and later renovated in 1988. It contains approximately 30,000 volumes.

Since the Americans with Disabilities Act of 1991 the library installed a chair lift to meet accessibility needs; however this did not completely solve the problem and the lift had numerous mechanical problems.

Morgan Design Group and Sidhu Associates were commissioned to investigate removing the chair lift and installing a ADA compliant elevator in its place. Additionally, there were circulation problems and upgrading of toilet rooms which required assessment. As a result, a new elevator was proposed, the existing stack area was re-configured, new casework and shelves were installed and finally, the existing toilet rooms and mechanical rooms were modified. Access to the library was to be maintained during construction.

Client: **Remax Solutions**
Address: 4510 Lower Beckleysville Road
Hampstead, Maryland 21074
Contact: Mr. Steve Cook
Phone: (410) 871-4300
email: tdmftpb@gmail.com
Completion Date: Current
Project Name: Office Renovations at 1431 N. Main Street
Description: Renovations and adaptive reuse of 3,000 sf, two story, 18th Century building for Real Estate Sales Office. Design issue included structural upgrades, ADA compliance and Egress compliance. MDG was contracted to correct and complete the permit documents of another designer.

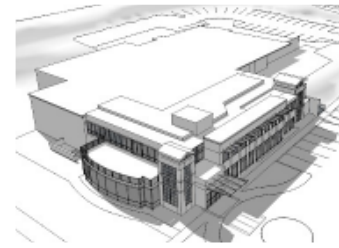
REQUIRED FORMS

See attachments

PRICING

See attachment under separate cover





Why Morgan Design Group

- ✓ Over 30 years of technology facility design experience.
- ✓ Current and past community center design experience
- ✓ Extensive experience with Space Programming and Needs Assessments
- ✓ Recent experience with many County Government projects
- ✓ Extensive experience with complex renovations and additions.
- ✓ Understanding of the building permit and approval process the Montgomery County and the City of Gaithersburg
- ✓ Engineering consultants with specific community center project experience.
- ✓ Accurate and reliable cost estimating.
- ✓ Immediate availability of staff and resources.
- ✓ Firm size insures personal service and experienced Principal involvement.
- ✓ History of success in meeting tight schedules and budgets.
- ✓ Competitive fees.
- ✓

AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

1. SIGNATURE OF AUTHORIZED REPRESENTATIVE:
2. DATE SIGNED:
3. NAME AND TITLE OF SIGNER:

May 27, 2022

Jeffrey B. Morgan, AIA – Principal

jmorgan@mdgarch.com (410) 356-0122

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NO. (If any)
2022-01

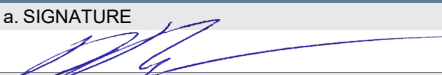
PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Century Engineering, LLC			3. YEAR ESTABLISHED 2021	4. UNIQUE ENTITY IDENTIFIER 06-487-5420
2b. STREET 10710 Gilroy Road			5. OWNERSHIP	
2c. CITY Hunt Valley			2d. STATE MD	2e. ZIP CODE 21031
6a. POINT OF CONTACT NAME AND TITLE Kent Hoffman, PE, LEED AP®, CDT, Vice President			a. TYPE Corporation (LLC)	
6b. TELEPHONE NUMBER 443.589.2400			6c. E-MAIL ADDRESS khoffman@kleinfelder.com	
8a. FORMER FIRM NAME(S) (if any) Century Engineering, Inc.			8b. YEAR ESTABLISHED 1974	8c. UNIQUE ENTITY IDENTIFIER 06-487-5420
			b. SMALL BUSINESS STATUS Not Applicable	
			7. NAME OF FIRM (If Block 2a is a Branch Office) The Kleinfelder Group, Inc.	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
06	Architect	16		B02	Bridges	6
07	Biologist	65		C10	Commercial Building (low rise); Shopping Centers	2
08	CADD Technician	165	47	C15	Construction Management	9
12	Civil Engineer	176	15	E03	Electrical Studies and Design	5
15	Construction Inspector	252	35	E07	Energy Conservation; New Energy Sources	1
16	Construction Manager	63	7	E11	Environmental Planning	3
19	Ecologist	60		E12	Environmental Remediation	4
21	Electrical Engineer	23	4	G02	Gas Systems (Propane, Natural, etc.)	4
23	Environmental Engineer	82		G04	Geographic Information System Services	6
24	Environmental Scientist	170	10	H04	Heating; Ventilating; Air Conditioning	5
27	Foundation/Geotechnical Engineer	138	2	H11	Housing	5
30	Geologist	113	1	O01	Office Buildings; Industrial Parks	1
34	Hydrologist	15		P07	Plumbing and Piping Design	4
36	Industrial Hygienist	11		S09	Structural Design; Special Structures	4
38	Land Surveyor	65	22	S10	Surveying; Platting; Mapping; Flood Plain Studies	5
40	Materials Engineer	16		S13	Storm Water Handling and Facilities	6
48	Project Manager	77		T03	Traffic and Transportation Engineering	8
57	Structural Engineer	63	11	T04	Topographic Surveying and Mapping	3
58	Technician/Analyst	257		W01	Warehouses and Depots	2
60	Transportation Engineer	62	21	W02	Water Resources; Hydrology; Ground Water	7
62	Water Resources Engineer	68	13	W03	Water Supply; Treatment and Distribution	5
	Other Employees	661	64			
Total		2,618	252			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	2	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
c. Total Work	10	4. \$500,000 to less than \$1 million	5. \$1 million to less than \$2 million		

12. AUTHORIZED REPRESENTATIVE <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE 	b. DATE May 18, 2022
c. NAME AND TITLE Kent Hoffman, PE, LEED AP®, CDT, Vice President	



RESOURCES AND CAPABILITIES

FIRM

Century Engineering, LLC, a Kleinfelder Company (Century) is a multidisciplinary consulting firm engaged in planning and design and construction management and inspection of a variety of projects for public and private agencies in the transportation, environmental and facilities industries. Century Engineering, LLC, and all affiliates - as of November 15, 2021- were acquired and have become part of the Kleinfelder, Inc. organization. Founded in 1961, Kleinfelder is a leading engineering, design, construction management, construction materials inspection, and testing firm. Together, we now employ over 3,000 professionals and operate from over 100 office locations in the U.S., Canada, and Australia.

Century offers our clients a staff providing quality, creative, and innovative professional services in many specialized areas. Century understands the demanding engineering field and collaborates with our clients to arrive at a solution specifically tailored to their needs. Century provides a full range of services to help our clients meet the financial, technical, and contextual challenges of delivering the economic, social, and environmental needs of the communities they serve. Our employees are skilled in their disciplines and keep pace with the latest technologies, design methodologies, construction techniques, and sustainability trends.

Quick Facts: *Employees: 3,000+ | Offices: 103 | Years in Business: 68*

MARKET

Municipal

Century has a long history of providing the renovations, upgrades, and additions necessary to enable municipalities to best serve their communities. We understand the unique challenges involved with maintaining and improving infrastructure without disrupting daily life, and our clients rely on us repeatedly to bring their projects to fruition. Aging infrastructure or an increasing population may change your needs over time – Century can assist with upgrading existing systems or implementing new systems for many of your needs, including wastewater systems, community facilities, environmental planning, transportation engineering, and masser planning.

SERVICES

Oncall Contracts

An oncall contract requires a consultant to have easy access to a variety of different experts required to respond effectively to any type of A/E design project that arises. Century has extensive, recent experience in the management and execution of multi-disciplinary assignments under indefinite delivery or on-call services contract arrangements. We have performed assignments of this type for military, industrial, commercial, other public sector and private sector clients on utility work, housing assignments, waterfront design work, industrial expansion and remediation, municipal engineering, and facilities development and rehabilitation for a wide range of satisfied clients.

Century's experience includes design of renovation/alterations, replacement, and upgrades to facilities, in addition to new buildings. Since this is an "oncall" open ended contract that may include a wide variety of architectural/engineering type services, we have extensive, recent experience in the management and execution of multidisciplinary assignments under indefinite delivery or oncall services contract arrangements.

Civil Engineering/Land Planning/Site Development Engineering

Century offers a multitude of land planning and site development services, from investigations, feasibility studies, surveys, and planning studies, through construction drawings, permitting, and construction period services. Our staff develops designs that address clients' needs and schedules while staying in communication with local and state regulatory authorities to meet regulations for each project.

Landscape Architecture

Century's landscape architects collaborate with our land planning and site development professionals to design projects that meet the client's goals of being aesthetically and environmentally pleasing while meeting county/state regulations. Our staff has developed large-scale master plans for residential, commercial, institutional, and public projects, and provides preliminary layouts through detailed site amenity plans. Our concepts are developed with the same ideals intact – to visually soften building mass, mitigate noise, provide manageable maintenance, screen adjunct land uses, and to define and provide walkways with native plantings.

Mechanical/Electrical/Plumbing

Although mechanical, electrical, and plumbing (MEP) systems and equipment are generally out of sight, the proper design of these systems is critical for building functionality and occupants' comfort. Century's MEP engineers and designers collaborate with architects, owners, developers, site development engineers, structural engineers, and other team members to provide consultations and develop project documents covering all aspects of facility and site design in both the public and private sectors. Our MEP engineers have developed systems over an array of markets, including new build, renovations, and design-build projects in the federal, local, and commercial sectors.

Building and Waterfront Structures

Whether for a new facility, modification, or expansion, Century provides assessment and design services that best fit the client's purpose, budget, and timeline. Century also specializes in the design of marine and material-handling facilities to serve the needs of a variety of industrial, fertilizer, and other manufacturing clients.

Geotechnical Engineering

Some of the factors most essential for the success of our clients' projects are hidden on or just below ground. Century performs a wide range of geotechnical analyses to help ensure that every project has a strong foundation. From walls, structures, and facilities to bridges, railways and roadways, we provide expert insight and inspired solutions for even the most complex challenges.

SIMILAR EXPERIENCE

Montgomery County

- Montgomery County Public Safety Academy Demolition
- Montgomery County Engineering Services for SWM Inspections
- Montgomery County Engineering Services for Transportation Facilities
- Maryland National Capital Park and Planning Commission (M-NCPPC) Various Projects
- Montgomery College Open-End Contract

City of Rockville

- City Hall Parking Lot Expansion
- City Hall entrance Ramp
- Pedestrian Bridge Inspections
- Rockville Swim Center Repairs
- Rockville Town Square Paver Rehabilitation

City of Laurel

- City of Laurel Oncall
- City of Laurel Plan Review Services
- City of Laurel – HVAC Equipment Replacement
- Citywide Traffic and Parking Study
- Granville Gude Park: Lighting Replacement
- Riverfront Park Pedestrian Bridge Replacement

City of Annapolis

- Consulting Services
- Sidewalk Inspection/Improvements
- Truxton Park Tennis Court Renovations
- Prince George's Street Drainage Remediation

SUSTAINABLE DESIGN

Sustainable design involves providing for the needs of the present without detracting from the ability to fulfill the needs of the future. In facility design, this involves primarily energy, lighting, environmental, and materials considerations. Design decisions must be considered with respect to lifecycle costs, maintenance, and repair requirements, and use of environmentally friendly renewable materials. At Century, we begin this process in the concept design stage to allow the customer choices on layout and systems.

Century has extensive experience in all facets of sustainable design and has earned awards for its work from a wide variety of industry organizations, including the U.S. Green Building Council, the American Institute of Architects, the International Interior Design Association, the International Facilities Management Association, the Building of America Network, and Baltimore Heritage.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Piero "Pete" Mellits, PE, LEED AP®	13. ROLE IN THIS CONTRACT Senior Site/Civil Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization) 1986, BS, Civil Engineering Technology, Old Dominion University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 1996, PE, MD, No. 21875 1994, PE, VA, No. 0402025104 2018, PE, DC, No. 920454 2018, PE, PA, No. PE086864 2009, LEED® Accredited Professional (LEED AP®)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Mellits, Site and Civil Engineering Manager, oversees operations, including project delivery and business development. He is adept with land development and redevelopment; land planning; water; sanitary sewer; dry utilities; permit processing; stormwater management; storm drain; low impact development; environmentally sensitive design; paving design; sediment control; roadway improvement design and surveying; bonding procedures; and permit releases.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) City of Laurel Oncall, Laurel, Prince George's County, MD.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2017	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Site/Civil Engineer • Oncall contract that covered any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/ environmental, and more. To date, performed at least nine projects, with tasks ranging from pavement non-destructive evaluations, inspections, and environmental assessments to plan reviews, sidewalk and roadway improvements, drainage and trail system repairs, surveying and more. Deliverables have included reports, recommendations, design plans, and construction documents and construction oversight. \$216,000 Collective Contract Fees		
b.	(1) TITLE AND LOCATION (City and State) City of Laurel Citywide Traffic Study, Laurel, MD.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 10/2021	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Site/Civil Engineer • Currently performing a study to determine the need for additional traffic control devices, or engineering design controls, address excessive speeding issues, and provide traffic calming recommendations. Study includes Speed data collection and analysis; Volume data collection and analysis; analysis of the most recent 3-years of crash data; and field observations. Traffic calming measures identified for implementation will be guided by the results of the speed study, roadway geometry, and field observations of all road users (vehicles, pedestrians, bicyclists, and micro mobility devices), City of Laurel Complete Streets Guidelines, and other applicable MDOT SHA best practices applications. \$190,000 Fee		
c.	(1) TITLE AND LOCATION (City and State) Herald Harbor Fire Station, Anne Arundel County, MD.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 12/2020-Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Site/Civil Engineer • for the new construction of a 4-bay drive-thru high performance fire station. The anticipated LEED® Silver station will also house amenities including sleeping quarters, lockers, kitchen, communication, and other support spaces. Design services included collaboratively working with the architect to analyze three (3) alternative schemes. Site work also included parking, stormwater management, landscaping, wet and dry utilities, and well as the relocation of exterior lighting fixtures, and the extension of gas services from site to building. \$123,450 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Anthony J. Dietz, PE, LEED AP®	13. ROLE IN THIS CONTRACT Senior Civil Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)
Century Engineering, LLC - Hunt Valley, Maryland

16. EDUCATION (Degree and Specialization) 1983, BS, Geography, University of Maryland Baltimore County	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 2006, PE, Maryland, No. 32574 2005, Maryland Erosion & Sediment Control Certification (ESC) #28189 2008, LEED® Accredited Professional (LEED AP®)
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Dietz has served in various capacities during his professional career. He has progressed from senior designer, project engineer to project management. He has experience in the design and preparation of road and highway plans, water lines, sanitary sewer systems, storm drainage systems, erosion and sediment control, site grading (both mass and final), earthwork quantities, state highway improvement plans, temporary traffic control and detour plans, stormwater management (both quantity and water quality), floodplain studies, (local, state and federal), stormwater management as-builts inspections and certifications. He has been responsible for the processing of plans through various county, municipal and state and federal agencies to obtain approval.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Montgomery County Public Safety Training Academy Demolition, Montgomery County, MD.	1/2017-5/2017	6/2017-11/2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Civil Engineer</i> • Demolition of all buildings on the project site, grading and site preparation for future development. Responsible for liaison with Montgomery County regulatory staff, and the Berg Corporation; oversight and QA/QC of design effort for grading and erosion and sediment control. \$59,000 Fee		
b.	Aberdeen Proving Ground (APG) Building E4010 Canopy/Pavilion, Aberdeen, MD.	5/2017	3/2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Civil Engineer</i> • Design for a new 30' x 30' prefabricate metal canopy/pavilion on a 36' x 36' concrete pad and included provisions for ADA access, canopy/pavilion lighting, a single electrical outlet and fourteen traffic bollards. In support of the overall design, supplied a topographic survey, grading plan, and design of the concrete pad adjacent to the existing parking lot. \$17,400 Construction Cost		
c.	Aberdeen Proving Ground (APG), 3326 Building ADA Access, MWR Recreational Center, Aberdeen, MD.	6/2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Civil Engineer</i> • Design of a new ADA accessible ramp/route leading from the facility parking lot to the MWR recreational facility, paralleling the existing stairway at Building 3226. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. This assignment was a task within a larger IDQ contract with a goal of enhancing pedestrian movement while containing perimeter security features. \$31,600 Fee		
d.	Maryland Zoo in Baltimore Parking Improvements and Expansion, Baltimore, MD.	9/2020-Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Civil Engineer</i> • Design of a creative and environmentally sensitive parking lot expansion, including inspecting and updating pathways, ADA access/accessibility, circulation, signage plans, feature and segmental retaining walls, street and site lighting, public water main plans, tree inventory plans, SWM facilities, zoning and permitting, landscaping, creation of a contractor's bid package assistance, and assisting with the analysis of the construction quotes with final recommendations. \$47,200 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Michael J. Pieranunzi, PLA, LEED AP®	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS OF EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 13

15. FIRM NAME AND LOCATION (City and State)
Century Engineering, LLC - Hunt Valley, Maryland

16. EDUCATION (Degree and Specialization) 1987, BS, Landscape Architecture, West Virginia University	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 1991, Landscape Architect, MD, No. 1008 2009, LEED® Accredited Professional (LEED AP®)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Pieranunzi, a registered Landscape Architect, partners with architects, engineers, and owners to assist in implementing plans from conceptual design through construction. Mr. Pieranunzi has an extensive background in site planning and land development resulting in creative and environmentally-sensitive design solutions. After spending nearly three decades working on a variety of projects, he has gained exceptional skills in managing conceptual designs, design development, construction drawings, and site inspections. Mr. Pieranunzi has proven his ability to manage budgets, clients, agency officials, and staff on multiple occasions.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Bell Branch Park, Anne Arundel County, MD.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 4/2020	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager • This project involved the design and presentation of parking options to be located on the existing Bell Branch dog park site. The parking lot was designed to maximize parking for tournaments held on the adjacent multipurpose fields and included ADA parking spaces. The lot met all stormwater management and landscape planting requirements. \$16,700 Fee		
b. (1) TITLE AND LOCATION (City and State) Harford County Agricultural Center, Harford County, MD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect • The reconstruction of the historic Joesting-Gorsuch House, renovation of a commercial furniture sales/warehouse to office space for government agencies and associated amenities. Oversaw the preparation of a landscape plan for the proposed site improvements. The design included shade to the proposed parking lots, accentuated the entrance and screens the unsightly views. \$129,000 Fee		
c. (1) TITLE AND LOCATION (City and State) Sheridan Circle Concept Landscape/Hardscape Plan, Washington, D.C.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect • Analyzed and designed landscape and hardscape improvements to the Sheridan Circle. Designed a concept landscape improvement plan for the vehicular sight lines and pedestrian experience. The pedestrian experience required safe crossing, handicap access and passive park experience. Analyzed the sight lines from the north and south and verified view access to the raised statue. Coordinated with Century's traffic engineers on road improvements and enhanced crosswalks to the circle. Experienced the site and its daily functions. The underutilized pedestrian area lacked a sense of setting, orientation to the statue and buffer from the vehicular traffic. \$6,000 Fee		
d. (1) TITLE AND LOCATION (City and State) Metropolitan Branch Trail, Fort Totten, Washington, D.C.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect • responsible the overall design and construction drawing preparation for the Landscape plans associated with the DDOT Metropolitan Branch Trail. The Fort Totten area trail improvements located from John McCormick Drive to 1st place streets consisting of 4,000 linear feet of improvements. The landscaping plan required multiple design implementations. \$792,900 Construction Cost		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Matthew Steiner, PE, LEED AP® BD+C	13. ROLE IN THIS CONTRACT MEP Engineering Manager	14. YEARS OF EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
1998, BA, Psychology, McDaniel College 2001, AAS, Mechanical Technology, Onondaga Community College		2014, PE, MD, No. 45534 2009, LEED® Accredited Professional (LEED AP® BD+C)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Steiner's varied, and comprehensive project experience includes electrical design for both small and large projects with both simple and complex electrical design aspects. Matt's broad technical experience includes medium voltage power distribution design, computer room generator/UPS selection, photometric calculations using AGI software, fault coordination and arc flash studies, SCIF design, construction cost estimating and electrical system commissioning. Mr. Steiner has a full understanding of the time constraints associated with the design process and takes effective measures to complete each project within the defined scheduled. In addition to his project management duties, he has been proactive in developing CAD standards and Quality Control standards. Matt has also presented educational seminars regarding lighting and energy codes..			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Frederick Department of Public Works, Generator and Switchboard Installation, Frederick, MD.	2017	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project Manager • Integration a new natural-gas fired outdoor generator, automatic transfer switch, and replacement 2000A switchboard into an existing, operational, multi-building facility. The switchboard and ATS were housed in a custom, UL-rated outdoor enclosure. A key facet of the project involved designing the equipment to limit downtime during the outage. The scope also involved a fault, coordination, and arc flash analysis of the entire DPW electrical system. The data for this study was obtained by subcontracting with an electrical contractor to remove panel covers. Oversaw all aspects of the design, including management of a Civil/Structural subconsultant and the electrical contractor subconsultant. A cost estimate was provided at each stage of the design. \$86,800 Fee		
Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Fairfax, VA.	3/2014-7/2014	11/2014-11/2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Supervisor • Responsible for the engineering services to implement various modifications and improvements to this 35,000 SF building situated on five acres. Space within the community center includes a Healthcare addition, a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included HVAC, plumbing, power and lighting systems; load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting along with solar PV electrical design. \$30,861 Fee		
Howard County Detention Center Medical Clinic Feasibility Study, Howard County, MD.	2018	2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Supervisor • Supervised and prepared a concept design for the expansion of the existing Medical Unit within the detention center. The study developed concepts to provide all required Medical Unit spaces in a single area. Concepts studied expansion into existing occupied adjacent spaces or the construction additional building. The study included recommendations for relocating those spaces displaced by the expansion. Services included overall support of design, administrative, financial, and schedule components. \$5,800 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Andrew H. Jun, PE	13. ROLE IN THIS CONTRACT Mechanical Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Century Engineering, LLC - Hunt Valley, Maryland			
16. EDUCATION <i>(Degree and Specialization)</i> 2013, BS, Mechanical Engineering, University of Maryland		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> 2018, PE, MD, No. 43951	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

As a Mechanical Engineer, Mr. Jun prepares mechanical design, contract drawings, and specifications as well as provides construction services, project management, supervision, and client coordination. Mr. Jun's technical experience includes water source heat pumps, geothermal heat pumps, chiller/boiler plants, DX packaged equipment, rooftop units, split systems, central water heating systems, domestic booster pumps, and fire pumps.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Columbia Association, Supreme Sports Club Center Condition Assessment, Howard County, MD		PROFESSIONAL SERVICES 5/2018-8/2018	CONSTRUCTION <i>(If applicable)</i> N/A
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mechanical Engineer • Mechanical evaluation of the building's MEP systems serving the 80,000 SF two-story structure. Performed a non-invasive, visual, site survey to document the existing conditions, referencing existing MEP drawings of the building. A description of the major MEP system components, rooftop equipment, air handling units, water heaters, electrical service and distribution gear, and control systems including make, model, capacity and general age was provided. \$9,900 Fee		
Hawthorne Center Restroom Alterations, Howard County, MD.		PROFESSIONAL SERVICES 7/2018	CONSTRUCTION <i>(If applicable)</i> 9/2018
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mechanical Engineer • MEP engineering services for a limited renovation of the main Mens and Womens restrooms near the reception area of the facility. Performed a non-invasive, visual, site survey to document exiting conditions, performed load calculations for HVAC requirements, designed MEP systems to serve area, assisted in the preparation of contract and permit documents. Scope items included new air devices, sprinkler heads, receptacles/covers and light switches, new lumming fixtures, lighting utilizing existing fixtures, ADA-compliant switches, new heaters, and associated power circuitis. \$4,500 Fee		
Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Chantilly, VA.		PROFESSIONAL SERVICES 3/2014-7/2014	CONSTRUCTION <i>(If applicable)</i> 11/2014-11/2015
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mechanical Engineer • Engineering HVAC and plumbing design of the 29,000 SF building situated on five acres. Space within the community center includes a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting. \$30,861 Fee		
Anne Arundel County, Prince Frederick Volunteer Fire Station, Anne Arundel County, MD.		PROFESSIONAL SERVICES 8/2017-9/2019	CONSTRUCTION <i>(If applicable)</i> 9/2019-12/2020
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mechanical Engineer • Demolition of the 1960 Fire Department Structure and new construction of a two-story building including apparatus bays, gear room, storage, bunk rooms, offices, training rooms, restrooms, lounge, and residential/catering kitchen areas. Provided Facility Investigations and Value Engineering Alternatives. \$6M Construction Cost		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Scott M. Menegatti, PE, LEED AP®	13. ROLE IN THIS CONTRACT Senior Electrical Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization) 1992, BS, Electrical Engineering Virginia Polytechnic Institute and State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 2006, PE, MD No. 33735 2006, PE, PA No. PE073646 2004, LEED® Accredited Professional (LEED AP®)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Scott Menegatti, a Senior Electrical Engineer, provides collaborative design solutions for a variety of facilities. Mr. Menegatti applies his knowledge of low and medium voltage power distributions systems related to indoor and outdoor lighting, fire alarm and security systems, and federal SCIF spaces. Mr. Menegatti has worked in conjunction with multiple disciplines to produce a cohesive design, striving to meet the needs of the Owner and related stakeholders. Mr. Menegatti's facility experience includes lifecare and multifamily housing, federal and local government buildings, and corporate office design and renovations..

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Anne Arundel County, Millersville Landfill and Resource Recovery Facility (MLFRRF) Maintenance Building Renovation, Anne Arundel County, MD.	10/2021	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
a. <i>Senior Electrical Engineer</i> • Providing an evaluation for the feasibility of renovating the maintenance building to ca code compliant facility, to be used by the County for heavy equipment and vehicle maintenance. Assessed the electrical systems to provide recommendations on deficiencies and provide recommendations to bring to code. Evaluating floor plan revisions, HVAC system upgrades or replacement, current conditions and recommendations for equipment, existing lighting for building uses (internal and external), and recommendations for motion sensors for energy efficiency. \$9,600 Fee		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Anne Arundel County, Infrastructure Study of Facilities, Anne Arundel County, MD.	2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
b. <i>Senior Electrical Engineer</i> • Performed a building equipment assessment study of Anne Arundel County facilities to review the mechanical system, lighting, electrical service gear, fire alarm, site lighting and emergency power. The buildings included fire stations, police stations, courthouses, office buildings, library offices, the health department, maintenance facilities and animal control. We observed the existing equipment and provided an evaluation on the condition of the equipment and the anticipated life expectancy for the county to prioritize equipment replacements in the future as well as look for any code violations related to equipment. The study also indicated any acquired information about the existing equipment from in house maintenance staff. \$42,300 Fee		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Anne Arundel County, Security Vestibule Upgrades, Riva Road and Arundel Center Office Buildings, Anne Arundel County, MD.	2017	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
c. <i>Senior Electrical Engineer</i> • Provided engineering services for two building vestibule upgrades: 1) Arundel Center, involves an expansion of the lobby into the existing outdoor patio area. Coordinating power to the new equipment, providing new lighting and connecting new HVAC equipment; 2) Riva Road Site includes the expansion and modification of the four different buildings on the site. The expansions accommodate new security equipment and a security desk including power and lighting coordination and design. \$27,900 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME William B. Rockey, PE, LEED AP®	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC. - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization) BS, 1982, Civil Engineering, Geneva College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 1994, PE, Maryland Registered No. 19809 2009 LEED Accredited Professional® (LEED AP®)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Rockey's experience as a Senior Structural Engineer includes project management of multiple contracts and design of various types of building structures for a wide range of clients. His diverse structural engineering background consists of new construction, renovations, additions, alterations and adaptive re-use of existing facilities. Many of these projects include underpinning, bracing, sheeting and shoring, engineering consultation and forensic investigation. Additionally, Mr. Rockey is approved by the State of Maryland as an emergency response structural engineer in the event of a disaster.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Rockville City Hall Entrance Repair Structural Condition Report, City of Rockville, MD.	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Structural Engineer</i> • Visual site assessment and report on the possible causes and solutions for the cracking and movement of the City Hall pedestrian ramp retaining wall. \$3,500 Fee		
b.	B&O Railroad Museum South Car Shop Floor Investigation, Baltimore, MD.	3/2021-4/2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Structural Engineer</i> • Investigation of a 1870's era, historic facility encompassed 39,800 SF in one story with a partial basement. The Owner was considering two options to re-purpose this facility. The first option was to use the building for storage of artifacts and supplies. The second option was to re-purpose this space for museum exhibits. The investigation was focused on evaluating the first floor of the South Car Shop to assist the Owner to determine potential uses. Conducted the field and office work and prepared the investigation report. \$19,000 Fee		
c.	Sheppard Pratt Maintenance Building Retaining Wall Replacement, Towson, MD.	8/2017-12/2017	5/2018-9/2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Structural Engineer</i> • Design of a new reinforced concrete cantilevered retaining wall to replace a failed stone retaining wall at the Maintenance Building. The wall was 450 feet long and varied from two to ten feet in height. The retaining wall had deteriorated and was in a state of active failure, requiring replacement. The project also included replacement of two steel and concrete framed walkways that connected the second level of the building to the adjacent access road. Structural services included client interface, internal project coordination, budget oversight and design of the new concrete cantilevered retaining wall and paving section. \$1.3M Construction Cost.		
d.	St. Paul's School – Price Building Feasibility Study and Phase 1 Renovation, Baltimore, MD.	9/2017 – 2/2018rs	4/2018 – 9/2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Senior Structural Engineer</i> • Structural evaluation for the re-purposing of a 7,400 SF maintenance facility into classrooms for the St. Paul's School Campus. The Owner wished to re-purpose the Price Building to create additional classroom space while the new Upper School was demolished and replaced. Mr. Rockey conducted the field investigation work, prepared the structural design, and oversaw production of plans and specifications. Coordination with the civil engineer was necessary to accommodate new site grades and an elevated walkway. Construction phase services included review of shop drawings and submittals, site visits to resolve field problems and correspondence. \$300,000 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Gary W. Swift, PE	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization) BS, 1982 Civil Engineering, University of Maryland - College Park		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 1982 PE, MD, #32548 2011 PE, MA, #53958	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Swift's experience as a structural engineer includes the design and construction phases of a variety of structures. As a structural engineer, Mr. Swift's assists in the layout and design of structural components, as well as design team coordination, development and review of contract documents, client correspondence, shop drawing review, site visits, and additional construction period services.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Montgomery College Structural On-Call Contract, Performing Arts Center Site Improvements, Rockville, MD.	2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Structural Engineer</i> • Performing Arts Center Site Improvements, Rockville, MD. Structural Project Manager responsible for improving the appearance and accessibility of existing pedestrian area at the front entrance of the Performing Arts Center. This area is used as an outdoor lunch or gathering space for students. New architecturally exposed concrete site retaining walls, ramps, sidewalks, stairs, site lighting and landscaping areas were constructed to improve the appearance and the ADA Accessibility of the space. Demolition and removal of existing paving and other site features was required. Part of the challenge of this project was finding ways to make this area more appealing without making drastic changes to the grading or to the existing building. \$11,600 Fee		
b.	Harford County Agricultural Center, Harford County, MD.	4/2016-5/2017	5/2017-12/2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Structural Engineer</i> • Design for the reconstruction of the historic Joesting-Gorsuch House, renovation of an existing commercial furniture sales/warehouse to office space for government agencies and associated amenities. Responsibilities included the foundation design for the reconstructed historic house and the prefabricated storage building. The foundation design of the historic house required coordination with the builder who reconstructed the historic structure. Use of the existing materials to reconstruct the historic house was the primary goal. \$1.8M Construction Cost		
c.	Easter Seals Adult Day Care Roof Framing Analysis, Baltimore County, MD.	5/2014	5/2014-6/2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Structural Engineer</i> • Performed an analysis of the existing roof framing at the newly renovated, 40,000 SF Easter Seals Adult Day Care Building. New roof top HVAC equipment was needed as part of this renovation to upgrade the antiquated heating and cooling systems. Services included project management, structural engineering, preparation of details and certification letter. \$20,000 Construction Cost		
d.	Lazarus United Church of Christ, Lineboro, MD	6/2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Project Manager</i> • Responsible for the engineering evaluation of the existing church. The building was constructed one year earlier than our investigation. Century's role was to observe and evaluate specific construction related issues. Building envelope leaks, plywood sheathing exposed to moisture, humidity issues, lighting issues. \$21,900 Fee		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Tristam E. Madden, PE, PG	13. ROLE IN THIS CONTRACT Senior Geotechnical Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Century Engineering, Inc. - Hunt Valley, Maryland			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Ongoing, Doctoral Studies, Civil Engineering, University of Maryland 1995, MS, Civil Engineering, University of Maryland 1992, BS, Civil Engineering, University of Maryland 1989, BS, Geology, Rensselaer Polytechnic Institute		2002, PE, MD, No. 27195 1999, PE, VA, No. 0402032607 2004, PG, VA, No. 2801001580	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Madden prepared or assisted in preparation of dozens of proposals for hazardous waste, environmental, water resources, and geotechnical engineering services for numerous potential clients. Prepared consultants qualifications package for the Delaware Division of Air and Waste Management Site Remediation and Restoration Branch. Prepared a qualifications package for environmental services for the United States General Services Administration. Prepared and presented qualifications for a groundwater study to Fauquier County Parks and Recreation Board.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) St. Paul's School Triangular Parking Lot Addition, Brooklandville, MD.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019-Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Senior Geotechnical Engineer • Performed geotechnical engineering soil investigative services for the design of the stormwater management facilities for the parking lot addition. The triangular parking lot is located NW of the existing maintenance building and east of the existing athletic fields. Assisted with preparing the earthwork analysis guiding the grading study and site plan to accommodate a cohesive traffic flow on campus. \$100,000 Fee		
(1) TITLE AND LOCATION (City and State) Town View SWM Rehabilitation and ADA Compliant Trail, Carroll County, MD.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018-2019	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Senior Geotechnical Engineer • Design Scope included rehabilitation of a non-functional SWM facility and new ADA compliant "rails-to-trails" trail/promenade along with design of retaining walls and elevated promenade/boardwalk. Work included regrading of the embankment, improved maintenance access and restoration of the earlier breach. \$400,000 Construction Cost		
(1) TITLE AND LOCATION (City and State) Maryland Zoo in Baltimore Parking Improvements and Expansion, Baltimore, MD.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 9/2020-Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Senior Geotechnical Engineer • Geotechnical support for parking lots, open area, park appurtenances, and entrance sidewalk, car charging stations, roadway improvement, and covered parking with solar panels. Scope includes design of a creative and environmentally sensitive parking lot expansion, Provided drilling and lab testing of materials associated with the parking layout and pavement capacity. \$47,200 Fee		
(1) TITLE AND LOCATION (City and State) Hampstead North Sewerage Pumping Station Upgrade/Full Expansion, Hampstead, MD.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 8/2018-Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Senior Geotechnical Engineer • Design support for the upgrade and expansion of the station to increase capacity and replace aging equipment. Secondary tasks: improve safety by removing the wet well from the building interior; provide needed storage space for maintenance equipment and supplies; and enhancements such as fencing, lighting and asphalt paving. \$116,635 Fee		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
	#

21. TITLE AND LOCATION (City and State) City of Laurel On-Call Engineering Services Laurel, MD	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center; padding: 5px;">PROFESSIONAL SERVICES 2020-Ongoing</td> <td style="width:50%; text-align: center; padding: 5px;">CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>	PROFESSIONAL SERVICES 2020-Ongoing	CONSTRUCTION (If applicable) Ongoing
PROFESSIONAL SERVICES 2020-Ongoing	CONSTRUCTION (If applicable) Ongoing		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Laurel, Dept. of the Fire Marshal and Permit Services	b. POINT OF CONTACT NAME Stephen E. Allen, Sr.	c. POINT OF CONTACT TELEPHONE NUMBER 301.725.5300

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
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Century Engineering, LLC, A Kleinfelder Company (Century) is currently working on this on-call contract that covers any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, Century has performed 11 specific projects, with tasks ranging from existing hiker-biker trail emergency repairs due to a major washout, sidewalk and roadway improvements, hiker-biker trail bridge replacement design, drainage and other trail system repairs, surveying, existing building HVAC assessment study for replacement units, a city-wide traffic study, and plan/permit review services. Deliverables have included reports, recommendations, design plans, construction documents, and construction oversight. Tasks to date have included the following:

- + **Existing Hiker-Biker Trail Emergency Repairs:** Included base repairs at the trail segment location, due to soil erosion at the river's bank; drainage repairs at the trail segment location, by addressing adjacent surface conditions; drainage repairs at the trail segment location, by repairing and/or adding pipes beneath the existing trail for positive drainage; complete removal and replacement of trail, at the trail segment location, due to subgrade failure and/or pavement deterioration/failure. Services included design through construction. \$24.5K
- + **Riverfront Park Pedestrian Bridge Replacements:** Included removal and replacement, in their existing locations, of two existing pedestrian bridges. Each bridge area was upgraded and/or designed to allow for a small emergency vehicle to be able to cross over each location. Services included design through construction. \$78.6K
- + **Granville Gude Park Lighting Replacement Design:** Included removal and replacement of existing lighting along the lakeside paths and infrastructure components supporting the City's wi-fi network. Services included design through construction. \$30K
- + **City-Wide Traffic Study:** This project was composed of two different activities. Part I was an assessment of parking on public streets, and Part II was an evaluation of safety and speeding issues at various locations within the city. Additional studies might include items such as intersection turning movement count (TMC) data collection, traffic signal operations, sight distance evaluations, nighttime surveys, and intersection characteristic reviews based on configurations or special circumstances. \$190.2K
- + **HVAC Equipment Replacement Recommendations:** Included developing a performance specification for the replacement of existing equipment, with the exception that some equipment was converted to natural gas. \$29.5K
- + **Plan Review Services:** Conducted phased plan reviews at various site locations throughout the city. This includes peer reviews of plans submitted by architecture, structural engineering, MEP engineering, and civil engineering firms; performing code research; reviewing construction documents; and issuing final reports and sketches, as necessary, of findings and recommendations. Fee: Hourly

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Century Engineering, LLC, A Kleinfelder Company	(2) FIRM LOCATION (City and State) Hunt Valley, MD	(3) ROLE Prime - Civil/Site Engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
	#

21. TITLE AND LOCATION (City and State) Aberdeen Proving Ground Aberdeen, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES See Below	CONSTRUCTION (If applicable) See Below

23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER Department of Defense Department of the Army APG Directorate of Public Works	b. POINT OF CONTACT NAME Tilt-up Construction, Inc. General Contractor Ms. Cassandra Phillips cphillips@tiltupinc.com	c. POINT OF CONTACT TELEPHONE NUMBER 410.787.0340
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)
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Century Engineering, LLC, A Kleinfelder Company (Century) collaborated with architects and general contractors to complete a variety of projects focusing on land uses introducing civil engineering, environmental, and easement elements to produce effective solutions for the Aberdeen Proving Ground (APG) Campus. Century under the FY 17 Facility Reduction Program, designed enhanced pedestrian ramps, perimeter fencing security features, and demolished aged and underutilized facilities. The Team's designs provides site improvements that better align with APG's current needs.

3326 Building ADA Access, MWR Recreational Center

Century provided land surveying, civil and structural engineering, along with permitting services. A new ADA Accessible ramp/route leading from the facility parking lot to the MWR recreational facility paralleling the existing stairway at Building 3226 was designed and constructed. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. The retaining walls also enclosed several landscape planter structures and were designed to be poured in place Portland cement, requiring a detailed structural design. Landscape plantings were also included in the design of the planter boxes.

It was the desire of the owner that the project not require the acquisition of permits from the Maryland Department of the Environment for either stormwater management or erosion and sediment control. Accordingly, Century designed the new structure to disturb less than 5,000 square-feet of surface area and resulted in the excavation or deposition of less than 100 cubic yards of material.

Century conducted a topographic survey of the site to complete the preparation of the Final Grading Site Improvement Plan with an associated Erosion and Sediment Control Plan for contractor use. Restriping of the parking lot was required, and the confirmed gradings helped ensure the ADA accessible parking lot was located closest to the walkway and complied with ADA guidelines.

Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc.,
 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com;

Design: 5/2017-11/2017

Construction: 5/2018-7/2018

Costs: \$31,824 Fee; \$263,000 Century Portion of Construction

Building and Museum Demolition 17-102

Century provided civil engineering services for the demolition of a number of WW2 era structures and the associated removal of approximately 100 concrete vehicle pads at the recently decommissioned U.S. Army Ordnance Museum, formerly located at Aberdeen Proving Ground.

This civil engineering effort consisted of the preparation of an Erosion and Sediment Control Plan to cover the demolition work for both areas and the submittal of those plans to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to the MDE to document that State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE.

Client Contact: Ms. Cassandra Phillips, Tilt-Up Construction,
410.787.0350, cphillips@tiltupinc.com

Design: 6/2019

Costs: \$38,000 Fee, \$353,000 Cost

Edgewood Demolition 17-103

Century provided both civil and structural engineering services for the demolition of a number of existing WW2 era buildings at the Edgewood Arsenal area of Aberdeen Proving Ground. Structural engineering services consisted of an existing condition survey of buildings to determine possible complications that may be encountered during demolition. A formal written report, documenting conditions and recommended burdens, was prepared and provided to the client. The civil engineering component consisted of preparation of an Erosion and Sediment Control Plan, in relation to demolition work, and plan submittals to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to MDE to document State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE.

Client Contact: Ms. Cassandra Phillips, Tilt-Up Construction,
410.787.0350, cphillips@tiltupinc.com

Design: 9/2018

Costs: \$12,500 Fee, \$115,00 Cost

Perimeter Fencing at Bldg E1454

Century provided civil, survey, structural and electrical engineering services for the replacement of approximately 1,000 linear feet of chain link fence with razor wire and mow strip around Site E1454. Civil services consisted of design and construction documents including Site Plan, progress meetings and construction administration services. Survey services consisted of performing field run topographic survey of the site and preparation of base plans to be used for design services. Structural services consisted of foundation design construction plans, specifications and construction administration services. Electrical Services consisted of fence grounding design, construction plans, specifications and construction administration services.

Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m),
areider@fraziereng.com;

Design: 1/2019

Construction: 3/2019

Costs: \$300,000 Construction

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Century Engineering, LLC, A Kleinfelder Company (Century)	Hunt Valley, MD	Civil, Structural, and Electrical Engineering, and Land Surveying

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
	#XX

21. TITLE AND LOCATION (City and State) Anne Arundel County Facilities Infrastructure Study Anne Arundel County, MD	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 12/2017-11/2018	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER Anne Arundel County, Maryland Client - Bignell, Watkins, Hasser Architects	b. POINT OF CONTACT NAME Robert Fernandez, PE	c. POINT OF CONTACT TELEPHONE NUMBER PWFern83@aacounty.org 410.222.7620
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)
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Century Engineering, LLC, A Kleinfelder Company (Century) provided the mechanical, electrical, and plumbing engineering services for an infrastructure study of 27 buildings in Anne Arundel County, Maryland. The study's purpose was to determine the adequacy of current and future infrastructure needs and general locations of required improvements with prioritization based on level of deterioration.

The facilities involved included:

- | | | |
|----------------------------------|--------------------------------|------------------------------|
| + County Court House | + Three police stations | + Garage complex |
| + Arundel Center | + Animal Control facility | + Health Department building |
| + Emergency Operations Center | + Fire Department headquarters | + Library headquarters |
| + Heritage Office building | + Fire training school | |
| + Police department headquarters | + Nine fire stations | |

The Emergency Operations building was built in 1986 and encompasses 250,132 gross square feet over five stories. It is a converted movie theatre/parking garage. Repairs were indicated for HVAC, building electrical and service distribution, fire suppression, special electrical systems and emergency power, and replacement of rooftop units.

The Heritage Complex is comprised of four four-story buildings totaling 60,000 gross square feet. The buildings had many code issues and poor HVAC distribution. As part of the final report, Century recommended repairs or changes to: emergency egress lighting, ventilation, air conditioning, plumbing, building electrical systems and emergency power, fire safety systems, and packaged rooftop units.

The Arundel Center was built in 1965 and encompasses 119,250 gross square feet over five-stories. Suggested repairs were provided in prioritized order and included emergency egress lighting, fire safety system, fire suppression, and ADA considerations.

Many other recommendations were made in the final report to the County, including areas such as masonry work, fall protection, overhead doors, rooftop ladders, interior finishes, and waterproofing.

Fee: \$42,300

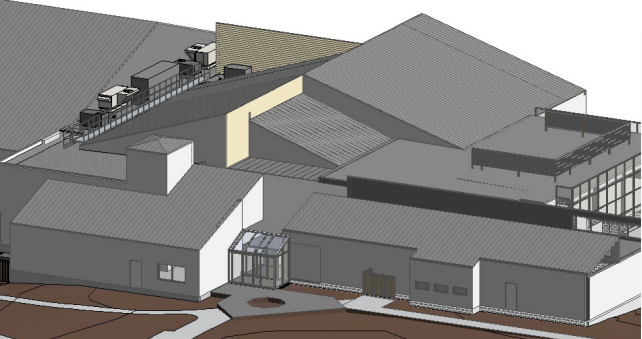


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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(1) FIRM NAME a. Century Engineering, LLC, A Kleinfelder Company (Century)	(2) FIRM LOCATION (City and State) Hunt Valley, MD	(3) ROLE Subconsultant - Mechanical, Electrical, and Plumbing Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER #	
21. TITLE AND LOCATION (City and State) Columbia Association Athletic Club Columbia, MD		22. YEAR COMPLETED PROFESSIONAL SERVICES: 7/2016-4/2018 CONSTRUCTION (If applicable): 4/2017-3/2019	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Columbia Association	b. POINT OF CONTACT NAME Mr. Dennis Matthey	c. POINT OF CONTACT TELEPHONE NUMBER 410.381.0591	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			

Century Engineering, LLC, A Kleinfelder Company (Century) is provided engineering services for the renovation of this 33,700 square-foot Community Athletic and Fitness club. This multiphase project modernized the athletic center with an open ceiling concept.



The renovation was scheduled to be performed in two phases, with a three-week window, within Phase I, when the center was shut down. Close coordination of the design and phasing was provided to accomplish the limited three-week shutdown. Century staff was made available for on-site review of work, within two hours' notice to help keep the project moving during the limited shutdown.

The renovation addresses:

- + Make-up air deficiencies by increasing the amount of outside air to the building
- + Coordination of plumbing connections within the existing mains within the building
- + Design of power branch circuits, within the facility, utilizing existing panelboards
- + Design of lighting system
- + Addresses humidity issues by providing active dehumidification controls to the building
- + Addition and renovation to the main entry lobby, circulation, locker room, sauna and whirlpool area with new lighting, fire alarm, power, and low voltage systems

\$107,575 Fee

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Century Engineering, LLC, A Kleinfelder Company (Century)	(2) FIRM LOCATION (City and State) Hunt Valley, MD	(3) ROLE Prime - Mechanical, Electrical, and Plumbing Engineering

RATES

City of Glenarden - Rate Schedule

FORM OF PROPOSAL

Date: 5/30/2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
Key Team Members	Hourly Rate
<i>Structural Engineering Services</i>	
Principal Engineer	\$198.00/HR
Chief Engineer	\$160.00/HR
Senior Engineer Specialist	\$170.00/HR
Senior Engineer	\$145.00/HR
Engineer III	\$135.00/HR
Engineer II	\$115.00/HR
Engineer I	\$ 95.00/HR
Designer II	\$ 95.00/HR
Designer I	\$ 85.00/HR
<i>Geotechnical Engineering Services</i>	
Senior Geotechnical Engineer	\$180.00/HR
Staff Geologist/Engineer	\$150.00/HR
Junior Geologist/Engineer	\$ 90.00/HR

RATES

City of Glenarden - Rate Schedule

Site/Civil Engineering & Landscape Architectural Services	
Vice President	\$200.00/HR
Principal Engineer	\$185.00/HR
Associate	\$155.00/HR
Senior Project Manager/ Project Engineer	\$145.00/HR
Senior Engineer/ Project Manager/ Project Engineer	\$130.00/HR
Engineer II	\$124.00/HR
Engineer I	\$110.00/HR
Project Designer	\$ 95.00/HR
Principal Landscape Architect	\$150.00/HR
Senior Landscape Architect	\$110.00/HR
Landscape Architect	\$ 95.00/HR
Landscape Designer	\$ 85.00/HR
Process Specialist	\$ 125.00/HR
Administrative/Clerical	\$ 64.00/HR
MEP Engineering Services	
Division Manager or Officer	\$215.00/HR
Chief Engineer	\$190.00/HR
Senior Engineer	\$165.00/HR
Engineer III/Senior Designer	\$155.00/HR
Engineer II	\$130.00/HR
Engineer I/Construction Administration	\$120.00/HR
Designer II	\$105.00/HR
Designer I	\$ 95.00/HR
Drafter	\$ 85.00/HR
Administrative Assistant II	\$ 85.00/HR
Administrative Assistant I	\$ 75.00/HR

RATES

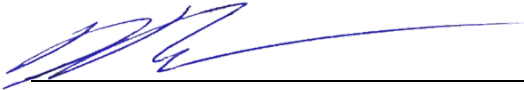
City of Glenarden - Rate Schedule

Provide additional sheets as necessary for expenses such as travel, etc.

1. **Printing Reports, Maps, Plans:** Printing of standard items related to a task are included in Overhead. If a task requires bulk printing, an outside vendor and costs will be submitted for City approval and billed at cost. CENTURY ENGINEERING, LLC
2. **Mileage:** IRS Rate (currently \$0.585/Mile) – *current rate as of January 1, 2022*

Kent Hoffman, PE, Vice President, Facilities Engineering Manager

Printed Name



Signature

Name of Company

Century Engineering, LLC

Address

10710 Gilroy Road

City, State, Zip

Hunt Valley, MD 21031

A COUNTY
THE

(301) 627-0900
(301) 627-6260 Fax

Architectural/Engineering (A/E) Professional Services

The City of Glenarden, Maryland is seeking proposals from qualified and experienced Architectural and Engineering firms for the purpose of obtaining a qualified team for Professional Services. Proposal documents for RFP 2022-01 may be obtained from the City of Glenarden City Manager's Office, 8600 Glenarden Parkway, Glenarden, Maryland 20706, by calling 301-773-2100, during normal business hours, or via our website, www.cityofglenarden.org

141928

(5-12)

CITY OF GLENARDEN
ATTENTION JORDAN MCCLUNG
JAMES R COU SINS JR MUNICIPAL CENTER
8600 GLENARDEN PARKWAY
GLENARDEN MD 20706

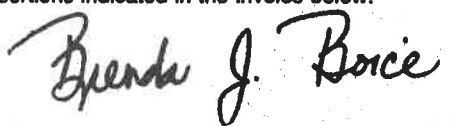
301 773 2100 x 713

INVOICE 0141928

DATE 5/12/22

CERTIFICATE OF PUBLICATION

THIS IS TO CERTIFY that the annexed legal advertisement has been published in THE PRINCE GEORGE'S POST for the number of insertions indicated in the invoice below.



Legal Advertising Manager

- INVOICE -

DESCRIPTION	TOTAL AMOUNT
NOTICE RFP -- ARCHITECTURAL/ ENGINEERING PROFESSIONAL SERVICES	\$80.00

Date or dates of publication

5/12/22

THIS IS AN INVOICE — PAYMENT DUE IMMEDIATELY

NOTICE: If receipted bill is required for verification of payment, return duplicate with remittance. Duplicate certification of publication has been mailed to the Register of Wills, Upper Marlboro, Md., if Notice to Creditors is involved.
PLEASE SHOW INVOICE NUMBER ON REMITTANCE