City of Birmingham
A Walkable Community

MEMORANDUM

Department of Public Services

DATE: **May 8, 2015**

TO: **Joseph A. Valentine, City Manager**

FROM: **Paul Matthews, Public Works Manager**

SUBJECT: **Department of Public Services Main Garage Roof Replacement**

The roof over the main garage at the Department of Public Services is in need of replacement due to its age and rapidly deteriorating condition. The roof targeted for replacement covers the entire south building minus the front offices and conference room. The roof has had leaks repaired in the past and has surpassed its 20 year life expectancy.

A request for proposal (RFP) was developed to replace the failing roof system. This included meetings with Carlos Jorge and the manufacturer to do an energy savings analysis and incentive review utilizing different insulation thicknesses to realize the best return on investment for the project. After reviewing the results of the analysis, the RFP was written to include the addition of 2" (option #1) or 2.7" (option #2) of Polyiso insulation (ISO) to the existing 1.5" currently present on the roof deck. The base project includes the removal of the existing ballast material and membrane and the installation of additional insulation, new 60-mil non-reinforced EPDM and the reinstallation of the existing ballast material. Optional pricing was also requested in the RFP to substitute non name brand sheet metal for the edging and coping that will be replaced as a part of the project.

Sealed proposals were opened Tuesday April 28, 2015 for "Main Garage Roof Replacement at the Department of Public Services Facility". The (RFP) was entered into the Michigan Inter-governmental Trade Network (MITN) purchasing system and advertised in the Birmingham Observer Eccentric. Seven (7) vendors responded submitting a total of seven (7) bids.

Below is a summary of the submitted proposals.

Bidder	Option #1	Option #2	Option #1 Utilizing Alt Edging/Coping	Option #2 Utilizing Alt Edging/Coping
Tri-Star	$132,400	$141,400	$124,600	**$133,200**
Advanced Roofing	$132,450	$140,500	$127,800	$135,850
Lutz Roofing	$138,187	$146,787	$130,387	$138,987
JD Candler	$148,000	$155,500	$143,000	$150,500
LaDuke Roofing	$136,800	$144,900	$161,700	$169,800
VJM Design and Build	$186,239	$194,725	$182,942	$191,428
T.F. Beck Company	$201,430	$210,330	$201,430	$210,330

The department recommends awarding the "Main Garage Roof Replacement at the Department of Public Services Facility" project to Tri-Star Roofing Incorporated for bid option #2 utilizing alternate edging and coping for a total expenditure of $133,200. The bid meets all of the specifications included in the RFP at the lowest cost. Their proposal includes the installation of a new Carlisle Sure-Seal 60-mil non-reinforced EPDM (Ethylene, Propylene, Diene Terpolymer, Membrane) ballasted roof and an additional 2.7" of foam core insulation on the main garage at the Department of Public Services. This company installed the new roof over the north garage earlier this year and has extensive roofing experience and references that include schools and hospitals throughout the area. It is estimated that the City will realize roughly $96,000 in energy savings over the roofs twenty year life span and at least $6,500 in incentives from Consumers Energy with the addition of 2.7" of insulation. Funds for this project are available in the Capital Projects Fund, account #401-901.013-977.0000.

SUGGESTED RESOLUTION:
To award the "Main Garage Roof Replacement at the Department of Public Services Facility" project which includes the installation of a new Carlisle Sure-Seal 60-mil non-reinforced EPDM (Ethylene, Propylene, Diene Terpolymer, Membrane) ballasted roof and an additional 2.7" of foam core insulation and alternative edging and coping to Tri-Star Roofing Incorporated for a total expenditure of $133,200 and to authorize the Mayor and City Clerk to sign the contract on behalf of the City upon the receipt of all required insurances. Funds for this project are contained within the Capital Projects Fund, account #401-901.013-977.0000.

REQUEST FOR PROPOSALS
Main Garage Roof Replacement at the Department of Public Services Facility

Sealed bid proposals endorsed **"Main Garage Roof Replacement at the Department of Public Services Facility"**, will be received at the **Department of Public Services, 851 S. Eton, Birmingham, Michigan, 48009; until 1:00 PM, Tuesday, April 28, 2015** after which time bids will be publicly opened and read.

Bidders will be required to attend a mandatory pre-bid meeting Wednesday, April 22, 2015 at 8:30 AM at the Department of Public Services, 851 S. Eton, Birmingham, MI 48009. Bidders must register for the pre-bid meeting by Tuesday, April 21, 2015 by contacting Paul Matthews at 248-530-1715 or pmatthews@bhamgov.org.

Bids shall be submitted in accordance with the specifications prepared by the City of Birmingham, Department of Public Services. Specifications are available exclusively via the Michigan Intergovernmental Trade Network (MITN). Bids must be submitted in a sealed envelope marked **"Main Garage Roof Replacement at the Department of Public Services Facility"**. The date and time of the bid opening must be marked on the envelope.

The City of Birmingham reserves the right to reject any or all proposals and to waive any irregularity in a bid when deemed in the best interest of the City.

The acceptance of any proposal made pursuant to this invitation shall not be binding upon the City until a written purchase order has been delivered to the successful bidder.

Submitted to MITN:	April 17, 2015
Mandatory Pre Bid Meeting:	8:30 AM, Wednesday, April 22, 2015 RSVP by Tuesday, April 21, 2015.
Deadline for Submissions:	1:00 PM, Tuesday, April 28, 2015
Contact Person:	Paul Matthews, Public Works Manager 851 S. Eton Birmingham, MI 48009 Phone: 248-530-1715 Email: pmatthews@bhamgov.org

REQUEST FOR PROPOSALS
Main Garage Roof Replacement at the Department of Public Services Facility

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INTRODUCTION

For purposes of this request for proposals the City of Birmingham will hereby be referred to as "City" and the private firm will hereby be referred to as "Contractor."

The City of Birmingham, Michigan is accepting sealed bid proposals from qualified professional firms to remove and replace the flat roof on the main garage at the Department of Public Services facility. This work must be performed as specified in accordance with the specifications outlined by the Scope of Work contained in this Request For Proposals (RFP).

During the evaluation process, the City reserves the right where it may serve the City's best interest to request additional information or clarification from proposers, or to allow corrections of errors or omissions. At the discretion of the City, firms submitting proposals may be requested to make oral presentations as part of the evaluation.

It is anticipated the selection of a firm will be completed by May 11, 2015. An Agreement for services will be required with the selected Contractor. A copy of the Agreement is contained herein for reference. Contract services will commence upon execution of the service agreement by the City.

REQUEST FOR PROPOSALS (RFP)

The purpose of this RFP is to request sealed bid proposals from qualified parties presenting their qualifications, capabilities and costs to remove and replace the flat roof on the main garage at the Department of Public Services facility.

MANDATORY PRE-BID MEETING

Prior to submitting a bid, interested firms are required to attend a pre-bid meeting to conduct an on-site visit of the location and access to the project location to make inquiries about the RFP. The meeting will be held Wednesday, April 22, 2015 at 8:30 AM at 851 S. Eton, Birmingham, MI 48009. Please RSVP to Paul Matthews 248-530-1715 no later than Tuesday, April 21, 2015.

INVITATION TO SUBMIT A PROPOSAL

Proposals shall be submitted no later than 1:00 PM, Wednesday, April 28, 2015 to:

City of Birmingham
Attn: Paul Matthews
851 S. Eton
Birmingham, Michigan 48009

One (1) original and one (1) copy of the proposal shall be submitted. The proposal should be firmly sealed in an envelope, which shall be clearly marked on the outside, **"Main Garage Roof Replacement on the Department of Public Services Facility"**. Any proposal received after the due date cannot be accepted and will be rejected and returned, unopened, to the proposer. Proposer may submit more than one proposal provided each proposal meets the functional requirements.

INSTRUCTIONS TO BIDDERS

1. Any and all forms requesting information from the bidder must be completed on the attached forms contained herein (see Contractor's Responsibilities). If more than one bid is submitted, a separate bid proposal form must be used for each.

2. Any request for clarification of this RFP shall be made in writing and delivered to: Paul Matthews, 248-530-1515, pmatthews@bhamgov.org, 851 S. Eton, Birmingham, MI 48009. Such request for clarification shall be delivered, in writing, no later than 5 days prior to the deadline for submissions.

3. All proposals must be submitted following the RFP format as stated in this document and shall be subject to all requirements of this document including the instruction to respondents and general information sections. All proposals must be regular in every respect and no interlineations, excisions, or special conditions shall be made or included in the RFP format by the respondent.

4. The contract will be awarded by the City of Birmingham to the most responsive and responsible bidder with the lowest price and the contract will require the completion of the work pursuant to these documents.

5. Each respondent shall include in his or her proposal, in the format requested, the cost of performing the work. Municipalities are exempt from Michigan State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The City will furnish the successful company with tax exemption information when requested.

6. Each respondent shall include in their proposal the following information: Firm name, address, city, state, zip code, telephone number, and fax number. The company shall also provide the name, address, telephone number and e-mail address of an individual in their organization to whom notices and inquiries by the City should be directed as part of their proposal.

EVALUATION PROCEDURE AND CRITERIA

The evaluation panel will consist of City staff and any other person(s) designated by the City who will evaluate the proposals based on, but not limited to, the following criteria:

1. Ability to provide services as outlined.
2. Related experience with similar projects, Contractor background, and personnel qualifications.
3. Quality of materials proposed.
4. Overall Costs.
5. References.

TERMS AND CONDITIONS

1. The City reserves the right to reject any or all proposals received, waive informalities, or accept any proposal, in whole or in part, it deems best. The City reserves the right to award the contract to the next most qualified Contractor if the successful Contractor does not execute a contract within ten (10) days after the award of the proposal.

2. The City reserves the right to request clarification of information submitted and to request additional information of one or more Contractors.

3. The City reserves the right to terminate the contract at its discretion should it be determined that the services provided do not meet the specifications contained herein. The City may terminate this Agreement at any point in the process upon notice to Contractor sufficient to indicate the City's desire to do so. In the case of such a stoppage, the City agrees to pay Contractor for services rendered to the time of notice, subject to the contract maximum amount.

4. Any proposal may be withdrawn up until the date and time set above for the opening of the proposals. Any proposals not so withdrawn shall constitute an irrevocable offer, for a period of ninety (90) days, to provide the services set forth in the proposal.

5. The cost of preparing and submitting a proposal is the responsibility of the Contractor and shall not be chargeable in any manner to the City.

6. Each proposal must be accompanied by a certified check, bidder's bond or bank draft in an amount not less than 5% of the total bid price, payable to the City of Birmingham, Michigan, which it is agreed will be forfeited to the City of Birmingham if the undersigned fails to enter into a contract in conformity with the form of contract incorporated herein, and furnish bonds and insurance as specified within twenty-one (21) days after the contract is awarded to the undersigned or withdraws this bid within sixty (60) days of the date hereof.

   No proposal shall be withdrawn for a period of Six (6) months after the date set for the opening of bids.
   A single check, bond or draft may serve to cover 2 or more alternative proposals when such alternative proposals are submitted by the same bidder.

   The bid deposit of all except 3 lowest bidders will be returned within 3 weeks after the bid opening. The bid deposit of the 3 lowest bidders will be returned within 2 weeks after the contract has been executed by both parties.

7. The successful bidder will be required to furnish 2 bonds. A Performance Bond in an amount not less than 100% of the contract price in favor of the City of Birmingham, conditioned upon the faithful performance of the contract, and completion on or before the date specified. A payment Bond for labor or material

running to the claimants, which is defined in MCL §129.206 as those persons supplying labor or materials to the principal Contractor or subcontractors in the prosecution of the work provided for in this contract in an amount not less than 100% of the contract price for the protection of those persons supplying labor, materials or both.

8. Payment will be made within thirty (30) days after invoice. Acceptance by the City is defined as authorization by the designated City representative to this project that all the criteria requested under the Scope of Work contained herein have been provided. Invoices are to be rendered each month following the date of execution of an Agreement with the City.

9. The Contractor will not exceed the timelines established for the completion of this project.

10. The successful bidder shall enter into and will execute the contract as set forth and attached as Attachment A.

CONTRACTOR'S RESPONSIBILITIES

Each bidder shall provide the following as part of their proposal:

1. Complete and sign all forms requested for completion within this RFP.
   a. Bidder's Agreement (Attachment B)
   b. Cost Proposal (Attachment C)
   c. Iran Sanctions Act Vendor Certification Form (Attachment D)
   d. Agreement (Attachment A, if selected by the City).

2. Provide a description of completed projects that demonstrate the firm's ability to complete projects of similar scope, size, and purpose, and in a timely manner, and within budget.

3. Provide a written plan detailing the anticipated timeline for completion of the tasks set forth in the Scope of Work Pg. 10.

4. The Contractor will be responsible for any changes necessary for the plans to be approved by the City of Birmingham.

5. Provide a description of the firm, including resumes and professional qualifications of the principals involved in administering the project.

6. Provide a list of sub-contractors and their qualifications, if applicable.

7. Provide three (3) client references from past projects, include current phone numbers. At least two (2) of the client references should be for projects utilizing the same materials included in the Contractor's proposal.

8. The Contractor will be responsible for the disposal of all material and any damages which occur as a result of any of employees or subcontractors of the Contractor during this project.

9. The Contractor will be responsible for getting the building and parking permits at no cost to the Contractor.

10. Each proposal must be accompanied by a certified check, bidder's bond or bank draft in an amount not less than 5% of the total bid price, payable to the City of Birmingham, Michigan, which it is agreed will be forfeited to the City of Birmingham if the undersigned fails to enter into a contract in conformity with the form of contract incorporated herein, and furnish bonds and insurance as specified within twenty-one (21) days after the contract is awarded to the undersigned or withdraws this bid within sixty (60) days of the date hereof.

    No proposal shall be withdrawn for a period of Six (6) months after the date set for the opening of bids.

    A single check, bond or draft may serve to cover 2 or more alternative proposals when such alternative proposals are submitted by the same bidder.

    The bid deposit of all except 3 lowest bidders will be returned within 3 weeks after the bid opening. The bid deposit of the 3 lowest bidders will be returned within 2 weeks after the contract has been executed by both parties.

11. The successful bidder will be required to furnish 2 bonds. A Performance Bond in an amount not less than 100% of the contract price in favor of the City of Birmingham, conditioned upon the faithful performance of the contract, and completion on or before the date specified. A payment Bond for labor or material running to the claimants, which is defined in MCL ξ129.206 as those persons supplying labor or materials to the principal contractor or subcontractors in the prosecution of the work provided for in this contract in an amount not less than 100% of the contract price for the protection of those persons supplying labor, materials or both.

12. Provide a project timeline addressing each section within the Scope of Work and a description of the overall project approach. Include a statement that the Contractor will be available according to the proposed timeline.

CITY RESPONSIBILITY

1. The City will provide a designated representative to work with the Contractor to coordinate both the City's and Contractor's efforts and to inspect and verify any work performed by the Contractor.

2. The City will provide access to the City of Birmingham during regular business hours or during nights and weekends as approved by the City's designated representative.

SETTLEMENT OF DISPUTES

The successful bidder agrees to certain dispute resolution avenues/limitations. Please refer to paragraph 17 of the Agreement attached as Attachment A for the details and what is required of the successful bidder.

INSURANCE

The successful bidder is required to procure and maintain certain types of insurances. Please refer to paragraph 12 of the Agreement attached as Attachment A for the details and what is required of the successful bidder.

CONTINUATION OF COVERAGE

The Contractor also agrees to provide all insurance coverages as specified. Upon failure of the Contractor to obtain or maintain such insurance coverage for the term of the agreement, the City may, at its option, purchase such coverage and subtract the cost of obtaining such coverage from the contract amount. In obtaining such coverage, Birmingham shall have no obligation to procure the most cost effective coverage but may contract with any insurer for such coverage.

EXECUTION OF CONTRACT

The bidder whose proposal is accepted shall be required to execute the contract and to furnish all insurance coverages as specified within ten (10) days after receiving notice of such acceptance. Any contract awarded pursuant to any bid shall not be binding upon the City until a written contract has been executed by both parties. Failure or refusal to execute the contract shall be considered an abandoned all rights and interest in the award and the contract may be awarded to another. The successful bidder agrees to enter into and will execute the contract as set forth and attached as Attachment A.

INDEMNIFICATION

The successful bidder agrees to indemnify the City and various associated persons. Please refer to paragraph 13 of the Agreement attached as Attachment A for the details and what is required of the successful bidder.

CONFLICT OF INTEREST

The successful bidder is subject to certain conflict of interest requirements/restrictions. Please refer to paragraph 14 of the Agreement attached as Attachment A for the details and what is required of the successful bidder.

EXAMINATION OF PROPOSAL MATERIALS

The submission of a proposal shall be deemed a representation and warranty by the Contractor that it has investigated all aspects of the RFP, that it is aware of the

applicable facts pertaining to the RFP process and its procedures and requirements, and that it has read and understands the RFP. Statistical information which may be contained in the RFP or any addendum thereto is for informational purposes only.

PROJECT TIMELINE

A work schedule shall be provided to the Designated City Representative, Paul Matthews. The work schedule shall be approved by the Designated City Representative prior to the start of the work. His decision as to acceptability shall be deemed in the City of Birmingham's best interest. The City of Birmingham is the only party to this contract that may authorize amendment of this schedule. The Contractor is required to start the project within 20 working days after notified to start work.

It is mandatory that the entire project is completed by June 30, 2015.

( ) Our company can meet the completion date.

( ) Our company cannot meet the completion date but offers:

_____

The reason our company cannot complete the work as required is as follows:

_____

_____

The Contractor will not exceed the timelines established for the completion of this project.

SCOPE OF WORK

The Contractor shall perform the following services in accordance with the requirements as defined and noted herein:

PART 1 GENERAL

1.01 DESCRIPTION

A. The Main Garage is located at 851 S. Eton in Birmingham, MI. Paul Matthews, Project Coordinator, is the Owner's Representative and may be contacted regarding any questions or for a pre-bid job site inspection, phone 248-530-1715.

B. The project consists of installing Carlisle's Sure-Seal Loose Laid Ballasted Roofing System as outlined below:

Apply the Ballasted EPDM Roofing System after tear off of the existing EPDM roof to expose the Polyisocuanurate for verification of dry conditions as specified in this specification. Re-use existing insulation.

C. Provide additional costs to furnish and install one layer of 2" Polyisocyanurate over existing insulation or furnish and install one layer of 2.7" Polyisocyanurate over existing insulation.

1.02 EXTENT OF WORK

A. Provide all labor, material, tools, equipment, and supervision necessary to complete the installation of a Sure-Seal 60-mil EPDM membrane Loose Laid Ballasted Roofing System including flashings and insulation as specified herein and as indicated on the drawings in accordance with the manufacturer's most current specifications and details.

B. The roofing contractor shall be fully knowledgeable of all requirements of the contract documents and shall make themselves aware of all job site conditions that will affect their work.

C. The roofing contractor shall confirm all given information and advise the building owner, prior to bid, of any conflicts that will affect their cost proposal.

D. Any contractor who intends to submit a bid using a roofing system other than the approved manufacturer must submit for pre-qualification in writing fourteen (5) days prior to the bid date. Any contractor who fails to submit all information as requested will be subject to rejection. Bids stating "as per plans and specs" will be unacceptable.

1.03 SUBMITTALS

A. Prior to starting work, the roofing contractor must submit the following:

1. Shop drawings showing layout, details of construction and identification of materials.

2. Sample of the manufacturer's Total Systems Warranty covering all components of the roofing system.

3. Submit a letter of certification from the manufacturer which certifies the roofing contractor is authorized to install the manufacturer's roofing system and lists foremen who have received training from the manufacturer along with the dates training was received.

4. Submit a letter of certification from the manufacturer stating the size and weight of the required ballast are in accordance with ANSI (American National Standards Institute) ANSI/SPRI RP-4 (dated December 3, 2008) Wind Design Standard for Ballasted Single-Ply Roofing Systems.

5. Certification of the manufacturer's warranty reserve.

B. Upon completion of the installed work, submit copies of the manufacturer's final inspection report to the specifier prior to the issuance of the manufacturer's warranty.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver materials to the job site in the manufacturer's original, unopened containers or wrappings with the manufacturer's name, brand name and installation instructions intact and legible. Deliver in sufficient quantity to permit work to continue without interruption.

B. Comply with the manufacturer's written instructions for proper material storage.

1. Store materials, except membrane, between 60°F and 80°F in dry areas protected from water and direct sunlight. If exposed to lower temperature, restore to 60°F minimum temperature before using.

2. Store materials containing solvents in dry, well ventilated spaces with proper fire and safety precautions. Keep lids on tight. Use before expiration of their shelf life.

C. Insulation and underlayment products must be on pallets, off the ground

and tightly covered with waterproof materials. Manufacturer's wrap does not provide sufficient waterproofing. Insulation and underlayment products that become wet or saturated are to be discarded.

D. Any materials which are found to be damaged shall be removed and replaced at the applicator's expense.

1.05 WORK SEQUENCE

A. Schedule and execute work to prevent leaks and excessive traffic on completed roof sections. Care should be exercised to provide protection for the interior of the building and to ensure water does not flow beneath any completed sections of the membrane system.

B. Do not disrupt activities in occupied spaces

1.06 USE OF THE PREMISES

A. Before beginning work, the roofing contractor must secure approval from the building owner's representative for the following:

1. Areas permitted for personnel parking.

2. Access to the site.

3. Areas permitted for storage of materials and debris.

4. Areas permitted for the location of cranes, hoists and chutes for loading and unloading materials to and from the roof.

B. Interior stairs or elevators may not be used for removing debris or delivering materials, except as authorized by the building superintendent.

1.07 EXISTING CONDITIONS

If discrepancies are discovered between the existing conditions and those noted on the drawings, immediately notify the owner's representative by phone and solicit the manufacturer's approval prior to commencing with the work. Necessary steps shall be taken to make the building watertight until the discrepancies are resolved.

1.08 PRE-CONSTRUCTION CONFERENCE

A. A MANDATORY pre-bid meeting will be held at the job site on Wednesday, April, 22, 2015 at 8:30 AM. Contact the owner's representative, Paul Matthews, Public Works Manager, at 248-530-1715

or pmatthews@bhamgov.org to preregister by Tuesday, April 21, 2015.

B. Prior to bid submittal, the roofing contractor should schedule a job site inspection to observe actual conditions and verify all dimensions on the roof. The job site inspection may occur on the day of the pre-bid meeting or prior to such a meeting. Should access to the roof be necessary before or after the pre-bid meeting, the contractor must contact the owner's representative, Paul Matthews, Public Works Manager, at 248-530-1715 to coordinate an appropriate time.

C. Bids must be submitted in a sealed envelope marked "Main Garage Roof Replacement at the Department of Public Services Facility". The date and time of the bid opening must be marked on the envelope.

Department of Public Services
Attn: Paul Matthews
851 S. Eton
Birmingham, MI 48009

D. Any conditions which are not shown on the shop drawings should be indicated on a copy of the shop drawing and included with bid submittal if necessary to clarify any conditions not shown.

1.09 TEMPORARY FACILITIES AND CONTROLS

A. Temporary Utilities:

1. Water, power for construction purposes and lighting are available at the site and will be made available to the roofing contractor.

2. Provide all hoses, valves and connections for water from source designated by the owner when made available.

3. When available, electrical power should be extended as required from the source. Provide all trailers, connections and fused disconnects.

B. Temporary Sanitary Facilities

Sanitary facilities will not be available at the job site. The roofing contractor shall be responsible for the provision and maintenance of portable toilets or their equal.

C. Building Site:

1. The roofing contractor shall use reasonable care and responsibility to protect the building and site against damages. The contractor shall be responsible for the correction of any damage incurred as a result of the performance of the contract.

2. The roofing contractor shall remove all construction debris from the job site in a timely and legally acceptable manner so as to not detract from the aesthetics or the functions of the building. [Tear off materials may be recycled, contact Nationwide Foam, Inc. (888) 820-2760 for details.]

D. Security:

Obey the owner's requirements for personnel identification, inspection and other security measures.

1.10 JOB SITE PROTECTION

A. The roofing contractor shall adequately protect building, paved areas, service drives, lawn, shrubs, trees, etc. from damage while performing the required work. Provide canvas, boards and sheet metal (properly secured) as necessary for protection and remove protection material at completion. The contractor shall repair or be responsible for costs to repair all property damaged during the roofing application.

B. During the roofing contractor's performance of the work, the building owner will continue to occupy the existing building. The contractor shall take precautions to prevent the spread of dust and debris, particularly where such material may sift into the building. The roofing contractor shall provide labor and materials to construct, maintain and remove necessary temporary enclosures to prevent dust or debris in the construction area(s) from entering the remainder of the building.

C. Do not overload any portion of the building, either by use of or placement of equipment, storage of debris, or storage of materials.

D. Protect against fire and flame spread. Maintain proper and adequate fire extinguishers.

E. Take precautions to prevent drains from clogging during the roofing application. Remove debris at the completion of each day's work and clean drains, if required. At completion, test drains to ensure the system is free running and drains are watertight. Remove strainers and plug drains in areas **where work is in progress**. Install flags or other telltales

on plugs. Remove plugs each night and screen drain.

F. Store moisture susceptible materials above ground and protect with waterproof coverings.

G. Remove all traces of piled bulk materials and return the job site to its original condition upon completion of the work.

1.11 SAFETY

The roofing contractor shall be responsible for all means and methods as they relate to safety and shall comply with all applicable local, state and federal requirements that are safety related. **Safety shall be the responsibility of the roofing contractor.** All related personnel shall be instructed daily to be mindful of the full time requirement to maintain a safe environment for the facility's occupants including staff, visitors, customers and the occurrence of the general public on or near the site.

1.12 WORKMANSHIP

A. Applicators installing new roof, flashing and related work shall be factory trained and approved by the manufacturer they are representing.

B. All work shall be of highest quality and in strict accordance with the manufacturer's published specifications and to the building owner's satisfaction.

C. There shall be a supervisor on the job site at all times while work is in progress.

D. All field seams and flashing details are to be completed according to manufacturer's specifications and details by the end of each work day.

1.13 QUALITY ASSURANCE

A. The Sure-Tough EPDM membrane roofing system must achieve a UL Class A rating.

B. The membrane must be manufactured by the material supplier. Manufacturer's supplying membrane made by others are not acceptable.

C. The manufacturer must have a minimum of 20 years experience in the manufacturing of vulcanized thermal set sheeting.

D. Unless otherwise noted in this specification, the roofing contractor must strictly comply with the manufacturer's current specifications and details.

E. The roofing system must be installed by an applicator authorized and trained by the manufacturer in compliance with shop drawings as approved by the manufacturer. The roofing applicator shall be thoroughly experienced and upon request be able to provide evidence of having at least five (5) years successful experience installing single-ply EPDM roofing systems and having installed at least one (1) EPDM roofing application or several similar systems of equal or greater size within one year.

AND

The applicator shall, upon request, be able to document three (3) installations completed more than two years prior to issuance of the contract documents, utilizing components of the proposed manufacturer, that are comparable to those required for the work and similar in scope and complexity. Provide complete contact information, warranty history for previous installations and demonstrate in-service performance.

F. Provide adequate number of experienced workmen regularly engaged in this type of work who are skilled in the application techniques of the materials specified. Provide at least one thoroughly trained and experienced superintendent on the job at all times roofing work is in progress.

G. There shall be no deviations made from this specification or the approved shop drawings without the prior written approval of the specifier. Any deviation from the manufacturer's installation procedures must be supported by a written certification on the manufacturer's letterhead and presented for the specifier's consideration.

H. Upon completion of the installation, the applicator shall arrange for an inspection to be made by a non-sales technical representative of the membrane manufacturer in order to identify any needed corrective repairs that will be required for warranty issuance. Notify the building owner seventy-two (72) hours prior to the manufacturer's final inspection.

I. Inspector shall be employed and trained by the manufacturer and have received product-specific training from the manufacturer of the products.

J. The Sure-Seal EPDM Membrane exceeds 41,580 kJ/m^2 under Xenon-Arc UV Light testing used for testing "Resistance to Outdoor (Ultraviolet) Weathering." (ASTM D 4637 Specification requires a 7560 kJ/m^2 minimum total radiant exposure at 70 W/m^2 irradiance at 176°F black

panel temperature to pass.)The membrane shows no visible signs of cracking or crazing.

1.14 JOB CONDITIONS, CAUTIONS AND WARNINGS

Refer to Carlisle's Sure-Seal Roofing System specification for General Job Site Considerations.

A. Material Safety Data Sheets (MSDS) must be on location at all times during the transportation, storage and application of materials.

B. When positioning membrane sheets, exercise care to locate all field splices away from low spots and out of drain sumps. All field splices should be shingled to prevent bucking of water.

C. When loading materials onto the roof, the Carlisle Authorized Roofing Applicator must comply with the requirements of the building owner to prevent overloading and possible disturbance to the building structure.

D. Proceed with roofing work only when weather conditions are in compliance with the manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with the manufacturer's requirements and recommendations.

E. Proceed with work so new roofing materials are not subject to construction traffic. When necessary, new roof sections shall be protected and inspected upon completion for possible damage.

F. Provide protection, such as 3/4" thick plywood, for all roof areas exposed to traffic during construction. Plywood must be smooth and free of fasteners and splinters.

G. The surface on which the insulation or roofing membrane is to be applied shall be clean, smooth, dry, and free of projections or contaminants that would prevent proper application of or be incompatible with the new installation, such as fins, sharp edges, foreign materials, oil and grease.

H. New roofing shall be complete and weathertight at the end of the work day.

K. Contaminants such as grease, fats and oils shall not be allowed to come in direct contact with the roofing membrane. An overlay of Epichlrohydrin membrane must be adhered around units which have the potential to emit solvents, grease or oil.

1.15 WARRANTY

A. Provide manufacturer's 20 year Total System Warranty covering both labor and material with no dollar limitation. The maximum wind speed coverage shall be peak gusts of 55 mph measured at 10 meters above ground level. Certification is required with bid submittal indicating the manufacturer has reviewed and agreed to such wind coverage.

B. Pro-rated System Warranties shall not be accepted.

PART 2 PRODUCTS

2.01 GENERAL

A. All components of the specified roofing system shall be products of Carlisle SynTec or accepted by Carlisle SynTec as compatible.

B. Unless otherwise approved by the specifier and accepted by the membrane manufacturer, all products (including insulation, fasteners, fastening plates and edgings) must be **manufactured and supplied** by the roofing system manufacturer and covered by the warranty.

2.02 MEMBRANE

Furnish Sure-Seal 60-mil thick non-reinforced EPDM (Ethylene, Propylene, Diene Terpolymer) in the largest sheet possible with 3" or 6" Factory-Applied Tape (FAT). The membrane shall conform to the minimum physical properties of ASTM D4637. Sheet widths range from 10 feet to 50 feet and length is maximum 250 feet long.

2.03 INSULATION/UNDERLAYMENT

A. Insulation shall be loose laid over the substrate and, when applicable, shall be installed in multiple layers. Mechanical attachment of the insulation is not required in accordance with the manufacturer's published specifications.

B. Insulation shall be HP-H Polyiso as supplied by Carlisle SynTec.

1. **Carlisle HP-H Polyiso** – A foam core insulation board covered on both sides with a medium weight fiber-reinforced felt facer meeting ASTM C 1289-06, Type II, Class 1, Grade 2 (20 psi). The product is available in 4' x 8' standard size with a thickness from 1 to 4 inches. 4' x 4' tapered panels are also available.

2.04 ADHESIVES, CLEANERS AND SEALANTS

All products shall be furnished by Carlisle and specifically formulated for the intended purpose.

A. **90-8-30A Bonding Adhesive:** A high-strength, yellow colored, synthetic rubber adhesive used for bonding Sure-Seal/Sure-White EPDM membranes to various surfaces. Available in 5 gallon pails.

B. **Carlisle Weathered Membrane Cleaner:** A clear, solvent-based cleaner used to loosen and remove dirt and other contaminants from the surface of exposed EPDM membrane (for repairs, etc.) prior to applying EPDM Primer. Weathered Membrane Cleaner can also be used when applying Splicing Cement. Available in 1 and 5-gallon pails.

C. **Sure-Seal SecurTAPE™ (Factory Applied):** A 3" or 6" wide by 100' long splice tape used for splicing adjoining sections of EPDM membrane. Complies with the South Coast Air Quality Management District Rule 1168.

D. **EPDM Primer:** A solvent-based primer used to prepare the surface of EPDM membrane for application of Splice Tape or Pressure-Sensitive products. This Primer can also be used in conjunction with EP-95 Splicing Cement in lieu of Splice Cleaner. Available in 1 gallon pails.

E. **Low VOC EPDM Primer -** A low VOC (volatile organic compound) primer (less than 250 grams/liter) for use with SecurTape or Pressure-Sensitive products. Available in 1 gallon pails.

F. **Lap Sealant:** A black, heavy-bodied material used to seal the exposed edges of a membrane splice. A pre-formed Lap Sealant tool is included in each carton of Lap Sealant. Available in tubes.

G. **Water Cut-Off Mastic:** A one-component, low viscosity, self wetting, Butyl blend mastic used as a sealing agent between the EPDM membrane or Elastoform Flashing and applicable substrates. Available in tubes.

H. **Pourable Sealer**: A black, two-component, solvent-free, polyurethane based product used for tie-ins and as a sealant around hard-to-flash membrane penetrating objects such as clusters of pipes and for a daily seal when the completion of flashings and terminations cannot be completed by the end of each work day.

I. **One-Part Pourable Sealer:** Available in black or white, a one-component, moisture curing, elastomeric polyether sealant used for attaching lightning rod bases and ground cable clips to the membrane

surface and as a sealant around hard-to-flash penetrations such as clusters of pipes.

J. **Universal Single-Ply Sealant** A one-part polyether, non-sagging sealant designed for sealing expansion joints, control joints and counterflashings. Available in white only.

2.05 FASTENERS AND PLATES

To be used for additional membrane securement:

A. **InsulFast Fasteners:** A threaded #12 fastener with #3 phillips drive used for insulation attachment into steel or wood decks.

B. **HP Fasteners**: a threaded, black epoxy electro-deposition coated (E-Coat) fastener used with steel, wood plank, minimum 15/32" thick plywood or minimum 7/16" thick oriented strand board.

C. **HP Term Bar Nail-In**: a 1-1/4" long expansion anchor with drive pin used for fastening Sure-Seal Termination Bar or Seam Fastening Plates to concrete, brick, or block walls. The fastener is set by hammering the drive pin into place.

D. Seam **Fastening Plate**: a 2" diameter metal fastening plate used in conjunction with RUSS or EPDM membrane for additional membrane securement.

E. Polymer **Seam Plate**: a 2" diameter plastic fastening plate incorporating barbs on the underside of the plate. This plate is required for membrane and RUSS attachment installed in conjunction with steel roof decks.

F. **Sure-Seal Pressure-Sensitive RUSS™** (Reinforced Universal Securement Strip): a 6" or 9" wide, nominal 45-mil thick clean, cured black reinforced EPDM membrane with 3" wide Factory-Applied Tape (FAT) laminated along one edge for the 6" wide RUSS and along both edges for the 9" wide RUSS.

1. **6" wide Pressure-Sensitive RUSS** is used horizontally or vertically at the base of walls, curbs, etc., in conjunction with 2" diameter Fastening Plates below the EPDM deck membrane for additional membrane securement (Polymer Seam Plates are required for steel decks).

2.06 METAL EDGING AND MEMBRANE TERMINATIONS

A. **General:** All metal edgings shall be tested and meet ANSI/SPRI ES-1 standards and comply with International Building Code.

1. **SecurEdge 2000**: a metal fascia system with an extruded aluminum anchor bar and .040” thick aluminum or 24 gauge galvanized steel fascia. Metal fascia color shall be as designated by the Owner's Representative. ANSI/SPRI ES-1 Certified. 2000 Fascia FM Approved 1-645. 2000 Extended Fascia FM Approved 1-270. 2000 Canted Fascia FM Approved 1-270.

B. **SecurEdge Coping**: incorporates a 20 gauge anchor cleat with 4 pre-slotted holes, a concealed joint cover and 10 foot continuous sections of coping cap; can accommodate minimum 5 “ wide parapet walls. Metal coping cap color shall be as designated by the Owner's Representative.

C. **Termination Bar**: a 1” wide and .098” thick extruded aluminum bar pre-punched 6” on center; incorporates a sealant ledge to support Lap Sealant and provide increased stability for membrane terminations.

2.07 BALLAST

A. **Rounded Water-Worn Gravel**

1. Nominal 1-1/2” rounded water-worn gravel which conforms to gradation #4 when sized in accordance with ASTM D 448 method of sizing.

2.08 WALKWAYS

Protective surfacing for roof traffic shall be concrete pavers (minimum 18 pounds per square foot loose laid over a slip sheet of cured EPDM membrane or two layers of HP Protective Mat.

PART 3 EXECUTION

3.01 GENERAL

A. Comply with the manufacturer’s published instructions for the installation of the membrane roofing system including proper substrate preparation, jobsite considerations and weather restrictions.

B. Position sheets to accommodate contours of the roof deck and shingle splices to avoid bucking water.

3.02 INSULATION INSTALLATION

A. Re-use existing insulation where applicable. Replace any wet or crushed insulation upon inspection with matching thickness HP-H Polyisocyanurate.

B. Install insulation or membrane underlayment over the substrate with boards butted tightly together with no joints or gaps greater than 1/4 inch. Stagger joints both horizontally and vertically if multiple layers are provided.

C. Insulation shall be loose laid over the substrate in accordance with the manufacturer's specifications.

3.03 MEMBRANE INSTALLATION

A. Unroll and position membrane without stretching. Allow the membrane to relax for approximately 1/2 hour prior to splicing.

B. Install adjoining membrane sheets in the same manner, overlapping edges approximately 6 inches.

3.04 MEMBRANE SPLICING

A. Position membrane sheet to allow for required splice overlap. Mark the bottom sheets with an indelible marker approximately 1/4" to 1/2" from the top sheet edge. The pre-marked line on the membrane edge can also be used as a guide for positioning splice tape.

B. Fold the top sheet back and clean the dry splice area (minimum 3" wide) of both membrane sheets by scrubbing with clean natural fiber rags saturated with Sure-Seal Primer. When using Sure-Seal (black) PRE-KLEENED membrane, cleaning the splice area is not required unless contaminated with field dirt or other residue.

C. Apply Sure-Seal EPDM Primer or Low VOC EPDM Primer to splice area.

D. When adhering Factory Applied Tape (FAT), pull the poly backing from FAT beneath the top sheet and allow the top sheet to fall freely onto the exposed primed surface. Press top sheet on to the bottom sheet using firm even hand pressure across the splice towards the splice edge.

E. For end laps, apply 3" SecurTAPE to the primed membrane surface in accordance with the manufacturer's specifications. Remove the poly backing and roll the top sheet onto the mating surface.

F. Tape splices must be a minimum of 2-1/2” wide using 3” wide SecurTAPE extending 1/8” minimum to 1/2” maximum beyond the splice edge. Field splices at roof drains must be located outside the drain sump.

Note: For projects where a 20-year System Warranty is specified, splice enhancements are required. Refer to Carlisle’s EPDM Roof System specification.

G. Immediately roll the splice using positive pressure when using a 2” wide steel roller. Roll across the splice
edge, not parallel to it. When FAT is used, Carlisle’s Stand-Up Seam Roller can be used to roll parallel to the splice edge.

H. **At all field splice intersections**, apply Lap Sealant along the edge of the membrane splice to cover the exposed SecurTAPE 2” in each direction from the splice intersection. Install Carlisle’s Pressure-Sensitive “T” Joint Covers or a 6” wide section (with rounded corners) of Sure-Seal Pressure-Sensitive Flashing over the field splice intersection.

3.05 FLASHING

A. Wall and curb flashing shall be cured EPDM membrane. Continue the deck membrane as wall flashing where practicable. Use Pressure-Sensitive Curb Wrap when possible to flash curb units.

B. Follow manufacturer’s typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.

3.06 BALLASTING

A. Install ballast in accordance with the manufacturer’s installation instructions.

B. **Rounded Water-Worn Gravel or Crushed Stone**

1. Nominal 1-1/2” rounded gravel: coverage rate shall be no less than 1000 pounds per 100 square feet and gravel must be evenly distributed to maintain an average of 10 pounds per square foot.

2. Install ballast evenly without bare spots to provide complete coverage over the membrane.

3. Comply with published (American National Standards Institute) ANSI/SPRI RP-4 guidelines concerning applicable coverage rates

3.07 WALKWAYS

A. Install concrete pavers with an additional layer of EPDM membrane at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the specifier's drawing.

B. The protection layer must extend a minimum of 2" on each side of the concrete paver.

3.08 DAILY SEAL

A. On phased roofing, when the completion of flashings and terminations is not achieved by the end of the work day, a daily seal must be performed.

3.09 CLEAN UP

A. Perform daily clean-up to collect all wrappings, empty containers, paper, and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.

B. Prior to the manufacturer's inspection for warranty, the applicator must perform a pre-inspection to review all work and to verify all flashing has been completed as well as the application of all caulking.

3.10 GENERAL INSTALLATION NOTES

Main Garage Roof

1. Core cut results- 1.5" Polyiso, .045 mil EPDM, Ballast River Rock

2. Ballast to be removed, left onsite, and re-installed on new membrane. Site to store ballast will be chosen by building owner representative.

3. Tear out membrane and flashings only.

4. Overlay existing insulation after inspection and <u>replace any wet iso</u>.

END OF SPECIFICATION

ATTACHMENT A - AGREEMENT
Main Garage Roof Replacement at the Department of Public Services Facility

This AGREEMENT, made this _____day of _____, 2015, by and between CITY OF BIRMINGHAM, having its principal municipal office at 151 Martin Street, Birmingham, MI (hereinafter sometimes called "City"), and- _____, having its principal office at _____ (hereinafter called "Contractor"), provides as follows:

WITNESSETH:

WHEREAS, the City of Birmingham, through its Department of Public Services Department, is desirous of having work completed to remove and replace the roof on the main garage at the Department of Public Services facility at the City of Birmingham.

WHEREAS, the City has heretofore advertised for bids for the procurement and performance of services required to remove and replace the roof on the main garage at the Department of Public Services facility, and in connection therewith has prepared a request for sealed proposals ("RFP"), which includes certain instructions to bidders, specifications, terms and conditions.

WHEREAS, the Contractor has professional qualifications that meet the project requirements and has made a bid in accordance with such request for cost proposals to perform the removal and replacement of the roof on the main garage at the Department of Public Services facility.

NOW, THEREFORE, for and in consideration of the respective agreements and undertakings herein contained, the parties agree as follows:

1. It is mutually agreed by and between the parties that the documents consisting of the Request for Proposal to perform the removal and replacement of the roof on the main garage at the Department of Public Services facility and the Contractor's cost proposal dated April 28, 2015 shall be incorporated herein by reference and shall become a part of this Agreement, and shall be binding upon both parties hereto. If any of the documents are in conflict with one another, this Agreement shall take precedence, then the RFP.

2. The City shall pay the Contractor for the performance of this Agreement in an amount not to exceed _____, as set forth in the Contractor's April 28, 2015 cost proposal.

3. This Agreement shall commence upon execution by both parties, unless the City exercises its option to terminate the Agreement in accordance with the Request for Proposals.

4. The Contractor shall employ personnel of good moral character and fitness in performing all services under this Agreement.

5. The Contractor and the City agree that the Contractor is acting as an independent Contractor with respect to the Contractor 's role in providing services to the City pursuant to this Agreement, and as such, shall be liable for its own actions and neither the Contractor nor its employees shall be construed as employees of the City. Nothing contained in this Agreement shall be construed to imply a joint venture or partnership and neither party, by virtue of this Agreement, shall have any right, power or authority to act or create any obligation, express or implied, on behalf of the other party, except as specifically outlined herein. Neither the City nor the Contractor shall be considered or construed to be the agent of the other, nor shall either have the right to bind the other in any manner whatsoever, except as specifically provided in this Agreement, and this Agreement shall not be construed as a contract of agency. The Contractor shall not be entitled or eligible to participate in any benefits or privileges given or extended by the City, or be deemed an employee of the City for purposes of federal or state withholding taxes, FICA taxes, unemployment, workers' compensation or any other employer contributions on behalf of the City.

6. The Contractor acknowledges that in performing services pursuant to this Agreement, certain confidential and/or proprietary information (including, but not limited to, internal organization, methodology, personnel and financial information, etc.) may become involved. The Contractor recognizes that unauthorized exposure of such confidential or proprietary information could irreparably damage the City. Therefore, the Contractor agrees to use reasonable care to safeguard the confidential and proprietary information and to prevent the unauthorized use or disclosure thereof. The Contractor shall inform its employees of the confidential or proprietary nature of such information and shall limit access thereto to employees rendering services pursuant to this Agreement. The Contractor further agrees to use such confidential or proprietary information only for the purpose of performing services pursuant to this Agreement.

7. This Agreement shall be governed by and performed, interpreted and enforced in accordance with the laws of the State of Michigan. The Contractor agrees to perform all services provided for in this Agreement in accordance with and in full compliance with all local, state and federal laws and regulations.

8. If any provision of this Agreement is declared invalid, illegal or unenforceable, such provision shall be severed from this Agreement and all other provisions shall remain in full force and effect.

9. This Agreement shall be binding upon the successors and assigns of the parties hereto, but no such assignment shall be made by the Contractor without the prior written consent of the City. Any attempt at assignment without prior written consent shall be void and of no effect.

10. The Contractor agrees that neither it nor its subcontractors will discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight or

marital status. The Contractor shall inform the City of all claims or suits asserted against it by the Contractor's employees who work pursuant to this Agreement. The Contractor shall provide the City with periodic status reports concerning all such claims or suits, at intervals established by the City.

11. The Contractor shall not commence work under this Agreement until it has, at its sole expense, obtained the insurance required under this paragraph. All coverages shall be with insurance companies licensed and admitted to do business in the State of Michigan. All coverages shall be with carriers acceptable to the City of Birmingham.

12. The Contractor shall maintain during the life of this Agreement the types of insurance coverage and minimum limits as set forth below:

A. Workers' Compensation Insurance: Contractor shall procure and maintain during the life of this Agreement, Workers' Compensation Insurance, including Employers Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

B. Commercial General Liability Insurance: Contractor shall procure and maintain during the life of this Agreement, Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than **$1,000,000** per occurrence combined single limit, Personal Injury, Bodily Injury and Property Damage. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent; (E) Deletion of all Explosion, Collapse and Underground (XCU) Exclusions, if applicable.

C. Motor Vehicle Liability: Contractor shall procure and maintain during the life of this Agreement Motor Vehicle Liability Insurance, including all applicable no-fault coverages, with limits of liability of not less than $1,000,000 per occurrence combined single limit Bodily Injury and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

D. Additional Insured: Commercial General Liability and Motor Vehicle Liability Insurance, as described above, shall include an endorsement stating the following shall be *Additional Insureds*: The City of Birmingham, including all elected and appointed officials, all employee and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof. This coverage shall be primary to any other coverage that may be available to the additional insured, whether any other available coverage by primary, contributing or excess.

E. Professional Liability: Professional liability insurance with limits of not less than $1,000,000 per claim if Contractor will provide service that are customarily subject to this type of coverage.

F. Pollution Liability Insurance: Contractor shall procure and maintain during the life of this Agreement Pollution Liability Insurance, with limits of liability of not less than $1,000,000, per occurrence preferred, but claims made accepted.

G. Owners Contractors Protective Liability: The Contractor shall procure and maintain during the life of this contract, an Owners Contractors Protective Liability Policy with limits of liability not less than $3,000,000 per occurrence, combined single limit, Personal Injury, Bodily Injury and Property Damage. The City of Birmingham shall be “Name Insured” on said coverage. Thirty (30) days Notice of Cancellation shall apply to this policy.

H. Cancellation Notice: Workers' Compensation Insurance, Commercial General Liability Insurance and Motor Vehicle Liability Insurance (and Professional Liability Insurance, if applicable), as described above, shall include an endorsement stating the following: "Thirty (30) days Advance Written Notice of Cancellation or Non-Renewal, shall be sent to: Finance Director, City of Birmingham, PO Box 3001, 151 Martin Street, Birmingham, MI 48012-3001.

I. Proof of Insurance Coverage: Contractor shall provide the City of Birmingham at the time the Agreement is returned for execution, Certificates of Insurance and/or policies, acceptable to the City of Birmingham, as listed below.

1) Two (2) copies of Certificate of Insurance for Workers' Compensation Insurance;
2) Two (2) copies of Certificate of Insurance for Commercial General Liability Insurance;
3) Two (2) copies of Certificate of Insurance for Vehicle Liability Insurance;
4) Two (2) copies of Certificate of Insurance for Professional Liability Insurance;
5) If so requested, Certified Copies of all policies mentioned above will be furnished.

J. Coverage Expiration: If any of the above coverages expire during the term of this Agreement, Contractor shall deliver renewal certificates and/or policies to the City of Birmingham at least (10) days prior to the expiration date.

K. Maintaining Insurance: Upon failure of the Contractor to obtain or maintain such insurance coverage for the term of the Agreement, the City of Birmingham may, at its option, purchase such coverage and subtract the cost of obtaining such coverage from the Agreement amount. In obtaining such coverage, the City of Birmingham shall have no obligation to procure the most cost-effective coverage but may contract with any insurer for such coverage.

13. To the fullest extent permitted by law, the Contractor and any entity or person for whom the Contractor is legally liable, agrees to be responsible for any liability, defend,

pay on behalf of, indemnify, and hold harmless the City of Birmingham, its elected and appointed officials, employees and volunteers and others working on behalf of the City of Birmingham against any and all claims, demands, suits, or loss, including all costs and reasonable attorney fees connected therewith, and for any damages which may be asserted, claimed or recovered against or from and the City of Birmingham, its elected and appointed officials, employees, volunteers or others working on behalf of the City of Birmingham, by reason of personal injury, including bodily injury and death and/or property damage, including loss of use thereof, which arises out of or is in any way connected or associated with this Agreement. Such responsibility shall not be construed as liability for damage caused by or resulting from the sole act or omission of its elected or appointed officials, employees, volunteers or others working on behalf of the City of Birmingham.

14. If, after the effective date of this Agreement, any official of the City, or spouse, child, parent or in-law of such official or employee shall become directly or indirectly interested in this Agreement or the affairs of the Contractor, the City shall have the right to terminate this Agreement without further liability to the Contractor if the disqualification has not been removed within thirty (30) days after the City has given the Contractor notice of the disqualifying interest. Ownership of less than one percent (1%) of the stock or other equity interest in a corporation or partnership shall not be a disqualifying interest. Employment shall be a disqualifying interest.

15. If Contractor fails to perform its obligations hereunder, the City may take any and all remedial actions provided by the general specifications or otherwise permitted by law.

16. All notices required to be sent pursuant to this Agreement shall be mailed to the following addresses:

City of Birmingham Attn: Paul Matthews 151 Martin Street Birmingham, MI 48009 248-530-1715	CONTRACTOR

17. Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, shall be settled either by commencement of a suit in Oakland County Circuit Court, the 48th District Court or by arbitration. If both parties elect to have the dispute resolved by arbitration, it shall be settled pursuant to Chapter 50 of the Revised Judicature Act for the State of Michigan and administered by the American Arbitration Association with one arbitrator being used, or three arbitrators in the event any party's claim exceeds $1,000,000. Each party shall bear its own costs and expenses and an equal share of the arbitrator's and administrative fees of arbitration. Such arbitration shall qualify as statutory arbitration pursuant to MCL§600.5001 et. seq., and the Oakland County Circuit Court or any court having jurisdiction shall render judgment upon the award of the arbitrator made pursuant to this Agreement. The laws of the State of Michigan shall govern this Agreement, and the arbitration shall take place in Oakland

County, Michigan. In the event that the parties elect not to have the matter in dispute arbitrated, any dispute between the parties may be resolved by the filing of a suit in the Oakland County Circuit Court or the 48th District Court.

18. FAIR PROCUREMENT OPPORTUNITY: Procurement for the City of Birmingham will be handled in a manner providing fair opportunity for all businesses. This will be accomplished without abrogation or sacrifice of quality and as determined to be in the best interest of the City of Birmingham.

IN WITNESS WHEREOF, the said parties have caused this Agreement to be executed as of the date and year above written.

WITNESSES:

CONTRACTOR

_____

By:_____

Its:

CITY OF BIRMINGHAM

_____

By:_____
Stuart Lee Sherman
Its: Mayor

_____

By:_____
Laura Pierce
Its: City Clerk

Approved:

_____
Lauren Wood, Director of Public Services
(Approved as to substance)

_____
Mark Gerber, Director of Finance
(Approved as to financial obligation)

_____
Timothy J. Currier, City Attorney
(Approved as to form)

_____
Joseph A. Valentine, City Manager
(Approved as to substance)

ATTACHMENT B - BIDDER'S AGREEMENT
Main Garage Roof Replacement at the Department of Public Services Facility

In submitting this proposal, as herein described, the Contractor agrees that:

1. They have carefully examined the specifications, terms and Agreement of the Request for Proposal and all other provisions of this document and understand the meaning, intent, and requirement of it.

2. They will enter into a written contract and furnish the item or items in the time specified in conformance with the specifications and conditions contained therein for the price quoted by the proponent on this proposal.

BID PREPARED BY (Print Name)	**DATE**
TITLE	**DATE**
AUTHORIZED SIGNATURE	**E-MAIL ADDRESS**
COMPANY	
ADDRESS	**PHONE**
NAME OF PARENT COMPANY	**PHONE**
ADDRESS	

ATTACHMENT C - COST PROPOSAL
Main Garage Roof Replacement at the Department of Public Services Facility

In order for the bid to be considered valid, this form must be completed in its entirety. The cost for the Scope of Work as stated in the Request for Proposal documents shall be a lump sum, as follows:

Attach technical specifications for all proposed materials as outlined in the Contractor's Responsibilities section of the RFP.

COST PROPOSAL	
ITEM	**BID AMOUNT**
Remove and replace the roof over the main garage according to specifications.	$
Add 2" of ISO (Option #1)	$
Add 2.7" of ISO (Option #2)	$
Option #1 Total Cost	**$**
Option #2 Total Cost	**$**
ALTERNATIVE BID SECTION	
Option #1 Total Cost Utilizing Alternative Edging/Coping and Sheet Metal	**$**
Option #2 Total Cost Utilizing Alternative Edging/Coping and Sheet Metal	**$**

Firm Name_____

Authorized signature_____ Date_____

ATTACHMENT D - IRAN SANCTIONS ACT VENDOR CERTIFICATION FORM
Main Garage Roof Replacement at the Department of Public Services Facility

Pursuant to Michigan Law and the Iran Economic Sanction Act, 2012 PA 517 ("Act"), prior to the City accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must certify that it is not an "Iran Linked Business", as defined by the Act.

By completing this form, the Vendor certifies that it is not an "Iran Linked Business", as defined by the Act and is in full compliance with all provisions of the Act and is legally eligible to submit a bid for consideration by the City.

PREPARED BY (Print Name)	**DATE**
TITLE	**DATE**
AUTHORIZED SIGNATURE	**E-MAIL ADDRESS**
COMPANY	
ADDRESS	**PHONE**
NAME OF PARENT COMPANY	**PHONE**
ADDRESS	
TAXPAYER I.D.#	

CITY OF BIRMINGHAM

Main Garage Roof Replacement at the Department of Public Services Facility

PRE BID ADDENDUM No.1

April 24, 2015

This addendum forms a part of and modifies the original "For Bid" documents. Unless modified by this Pre Bid Addendum, all work of the project shall be in accordance with the original scope of work specified in the Request for Proposals for the For Bid Documents.

Please complete new Attachment C – Cost Proposal in its entirety on page 2 in place of page 33 in the original bid package, the bidders acknowledgment on page 3 and deliver to the Birmingham Department of Public Services, 851 S. Eton, Birmingham, MI 48009 no later than 1:00 PM, Tuesday, April 28, 2015.

SCOPE OF WORK

3.10 GENERAL INSTALLATION NOTES

Main Garage Roof

5. Remove and Re-Install lightning protection (to be certified by others).

ATTACHMENT C - COST PROPOSAL
Main Garage Roof Replacement at the Department of Public Services Facility

In order for the bid to be considered valid, this form must be completed in its entirety. The cost for the Scope of Work as stated in the Request for Proposal documents shall be a lump sum, as follows:

Attach technical specifications for all proposed materials as outlined in the Contractor's Responsibilities section of the RFP.

COST PROPOSAL	
ITEM	**BID AMOUNT**
Remove and replace the roof over the main garage according to specifications.	$
Add 2" of ISO (Option #1)	$
Add 2.7" of ISO (Option #2)	$
Option #1 Total Cost (Roof w/2" of ISO)	**$**
Option #2 Total Cost (Roof w/ 2.7" ISO)	**$**
ALTERNATIVE BID SECTION	
Option #1 Total Cost Utilizing Alternative Edging/Coping and Sheet Metal	**$**
Option #2 Total Cost Utilizing Alternative Edging/Coping and Sheet Metal	**$**
Wet 1.5" ISO replacement per ft²	**$**

Firm Name_____

Authorized signature_____ Date_____

By signing below, you acknowledge that the above proposed modifications to the contract are accepted by _____.

Signed by _____

Print Name _____

Title_____

ATTACHMENT A - AGREEMENT

Main Garage Roof Replacement at the Department of Public Services Facility

This AGREEMENT, made this _____day of _____, 2015, by and between CITY OF BIRMINGHAM, having its principal municipal office at 151 Martin Street, Birmingham, MI (hereinafter sometimes called "City"), and- TRI-STAR ROOFING & SHEET METAL, LLC, having its principal office at 2273 WADHAMS RD, KIMBALL, MI 48074 (hereinafter called "Contractor"), provides as follows:

WITNESSETH:

WHEREAS, the City of Birmingham, through its Department of Public Services Department, is desirous of having work completed to remove and replace the roof on the main garage at the Department of Public Services facility at the City of Birmingham.

WHEREAS, the City has heretofore advertised for bids for the procurement and performance of services required to remove and replace the roof on the main garage at the Department of Public Services facility, and in connection therewith has prepared a request for sealed proposals ("RFP"), which includes certain instructions to bidders, specifications, terms and conditions.

WHEREAS, the Contractor has professional qualifications that meet the project requirements and has made a bid in accordance with such request for cost proposals to perform the removal and replacement of the roof on the main garage at the Department of Public Services facility.

NOW, THEREFORE, for and in consideration of the respective agreements and undertakings herein contained, the parties agree as follows:

1. It is mutually agreed by and between the parties that the documents consisting of the Request for Proposal to perform the removal and replacement of the roof on the main garage at the Department of Public Services facility and the Contractor's cost proposal dated April 28, 2015 shall be incorporated herein by reference and shall become a part of this Agreement, and shall be binding upon both parties hereto. If any of the documents are in conflict with one another, this Agreement shall take precedence, then the RFP.

2. The City shall pay the Contractor for the performance of this Agreement in an amount not to exceed $133,200, as set forth in the Contractor's April 28, 2015 cost proposal.

3. This Agreement shall commence upon execution by both parties, unless the City exercises its option to terminate the Agreement in accordance with the Request for Proposals.

4. The Contractor shall employ personnel of good moral character and fitness in performing all services under this Agreement.

5. The Contractor and the City agree that the Contractor is acting as an independent Contractor with respect to the Contractor 's role in providing services to the City pursuant to this Agreement, and as such, shall be liable for its own actions and neither the Contractor nor its employees shall be construed as employees of the City. Nothing contained in this Agreement shall be construed to imply a joint venture or partnership and neither party, by virtue of this Agreement, shall have any right, power or authority to act or create any obligation, express or implied, on behalf of the other party, except as specifically outlined herein. Neither the City nor the Contractor shall be considered or construed to be the agent of the other, nor shall either have the right to bind the other in any manner whatsoever, except as specifically provided in this Agreement, and this Agreement shall not be construed as a contract of agency. The Contractor shall not be entitled or eligible to participate in any benefits or privileges given or extended by the City, or be deemed an employee of the City for purposes of federal or state withholding taxes, FICA taxes, unemployment, workers' compensation or any other employer contributions on behalf of the City.

6. The Contractor acknowledges that in performing services pursuant to this Agreement, certain confidential and/or proprietary information (including, but not limited to, internal organization, methodology, personnel and financial information, etc.) may become involved. The Contractor recognizes that unauthorized exposure of such confidential or proprietary information could irreparably damage the City. Therefore, the Contractor agrees to use reasonable care to safeguard the confidential and proprietary information and to prevent the unauthorized use or disclosure thereof. The Contractor shall inform its employees of the confidential or proprietary nature of such information and shall limit access thereto to employees rendering services pursuant to this Agreement. The Contractor further agrees to use such confidential or proprietary information only for the purpose of performing services pursuant to this Agreement.

7. This Agreement shall be governed by and performed, interpreted and enforced in accordance with the laws of the State of Michigan. The Contractor agrees to perform all services provided for in this Agreement in accordance with and in full compliance with all local, state and federal laws and regulations.

8. If any provision of this Agreement is declared invalid, illegal or unenforceable, such provision shall be severed from this Agreement and all other provisions shall remain in full force and effect.

9. This Agreement shall be binding upon the successors and assigns of the parties hereto, but no such assignment shall be made by the Contractor without the prior written consent of the City. Any attempt at assignment without prior written consent shall be void and of no effect.

10. The Contractor agrees that neither it nor its subcontractors will discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight or

marital status. The Contractor shall inform the City of all claims or suits asserted against it by the Contractor's employees who work pursuant to this Agreement. The Contractor shall provide the City with periodic status reports concerning all such claims or suits, at intervals established by the City.

11. The Contractor shall not commence work under this Agreement until it has, at its sole expense, obtained the insurance required under this paragraph. All coverages shall be with insurance companies licensed and admitted to do business in the State of Michigan. All coverages shall be with carriers acceptable to the City of Birmingham.

12. The Contractor shall maintain during the life of this Agreement the types of insurance coverage and minimum limits as set forth below:

A. Workers' Compensation Insurance: Contractor shall procure and maintain during the life of this Agreement, Workers' Compensation Insurance, including Employers Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

B. Commercial General Liability Insurance: Contractor shall procure and maintain during the life of this Agreement, Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than **$1,000,000** per occurrence combined single limit, Personal Injury, Bodily Injury and Property Damage. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent; (E) Deletion of all Explosion, Collapse and Underground (XCU) Exclusions, if applicable.

C. Motor Vehicle Liability: Contractor shall procure and maintain during the life of this Agreement Motor Vehicle Liability Insurance, including all applicable no-fault coverages, with limits of liability of not less than $1,000,000 per occurrence combined single limit Bodily Injury and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

D. Additional Insured: Commercial General Liability and Motor Vehicle Liability Insurance, as described above, shall include an endorsement stating the following shall be *Additional Insureds*: The City of Birmingham, including all elected and appointed officials, all employee and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof. This coverage shall be primary to any other coverage that may be available to the additional insured, whether any other available coverage by primary, contributing or excess.

E. Professional Liability: Professional liability insurance with limits of not less than $1,000,000 per claim if Contractor will provide service that are customarily subject to this type of coverage.

F. Pollution Liability Insurance: Contractor shall procure and maintain during the life of this Agreement Pollution Liability Insurance, with limits of liability of not less than $1,000,000, per occurrence preferred, but claims made accepted.

G. Owners Contractors Protective Liability: The Contractor shall procure and maintain during the life of this contract, an Owners Contractors Protective Liability Policy with limits of liability not less than $3,000,000 per occurrence, combined single limit, Personal Injury, Bodily Injury and Property Damage. The City of Birmingham shall be "Name Insured" on said coverage. Thirty (30) days Notice of Cancellation shall apply to this policy.

H. Cancellation Notice: Workers' Compensation Insurance, Commercial General Liability Insurance and Motor Vehicle Liability Insurance (and Professional Liability Insurance, if applicable), as described above, shall include an endorsement stating the following: "Thirty (30) days Advance Written Notice of Cancellation or Non-Renewal, shall be sent to: Finance Director, City of Birmingham, PO Box 3001, 151 Martin Street, Birmingham, MI 48012-3001.

I. Proof of Insurance Coverage: Contractor shall provide the City of Birmingham at the time the Agreement is returned for execution, Certificates of Insurance and/or policies, acceptable to the City of Birmingham, as listed below.

1) Two (2) copies of Certificate of Insurance for Workers' Compensation Insurance;
2) Two (2) copies of Certificate of Insurance for Commercial General Liability Insurance;
3) Two (2) copies of Certificate of Insurance for Vehicle Liability Insurance;
4) Two (2) copies of Certificate of Insurance for Professional Liability Insurance;
5) If so requested, Certified Copies of all policies mentioned above will be furnished.

J. Coverage Expiration: If any of the above coverages expire during the term of this Agreement, Contractor shall deliver renewal certificates and/or policies to the City of Birmingham at least (10) days prior to the expiration date.

K. Maintaining Insurance: Upon failure of the Contractor to obtain or maintain such insurance coverage for the term of the Agreement, the City of Birmingham may, at its option, purchase such coverage and subtract the cost of obtaining such coverage from the Agreement amount. In obtaining such coverage, the City of Birmingham shall have no obligation to procure the most cost-effective coverage but may contract with any insurer for such coverage.

13. To the fullest extent permitted by law, the Contractor and any entity or person for whom the Contractor is legally liable, agrees to be responsible for any liability, defend,

pay on behalf of, indemnify, and hold harmless the City of Birmingham, its elected and appointed officials, employees and volunteers and others working on behalf of the City of Birmingham against any and all claims, demands, suits, or loss, including all costs and reasonable attorney fees connected therewith, and for any damages which may be asserted, claimed or recovered against or from and the City of Birmingham, its elected and appointed officials, employees, volunteers or others working on behalf of the City of Birmingham, by reason of personal injury, including bodily injury and death and/or property damage, including loss of use thereof, which arises out of or is in any way connected or associated with this Agreement. Such responsibility shall not be construed as liability for damage caused by or resulting from the sole act or omission of its elected or appointed officials, employees, volunteers or others working on behalf of the City of Birmingham.

14. If, after the effective date of this Agreement, any official of the City, or spouse, child, parent or in-law of such official or employee shall become directly or indirectly interested in this Agreement or the affairs of the Contractor, the City shall have the right to terminate this Agreement without further liability to the Contractor if the disqualification has not been removed within thirty (30) days after the City has given the Contractor notice of the disqualifying interest. Ownership of less than one percent (1%) of the stock or other equity interest in a corporation or partnership shall not be a disqualifying interest. Employment shall be a disqualifying interest.

15. If Contractor fails to perform its obligations hereunder, the City may take any and all remedial actions provided by the general specifications or otherwise permitted by law.

16. All notices required to be sent pursuant to this Agreement shall be mailed to the following addresses:

City of Birmingham
Attn: Paul Matthews
151 Martin Street
Birmingham, MI 48009
248-530-1715

CONTRACTOR
Tri-Star Roofing + Sheet Metal LLC
2273 Wadhams Rd.
Kimball, MI 48074

17. Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, shall be settled either by commencement of a suit in Oakland County Circuit Court, the 48th District Court or by arbitration. If both parties elect to have the dispute resolved by arbitration, it shall be settled pursuant to Chapter 50 of the Revised Judicature Act for the State of Michigan and administered by the American Arbitration Association with one arbitrator being used, or three arbitrators in the event any party's claim exceeds $1,000,000. Each party shall bear its own costs and expenses and an equal share of the arbitrator's and administrative fees of arbitration. Such arbitration shall qualify as statutory arbitration pursuant to MCL§600.5001 et. seq., and the Oakland County Circuit Court or any court having jurisdiction shall render judgment upon the award of the arbitrator made pursuant to this Agreement. The laws of the State of Michigan shall govern this Agreement, and the arbitration shall take place in Oakland

County, Michigan. In the event that the parties elect not to have the matter in dispute arbitrated, any dispute between the parties may be resolved by the filing of a suit in the Oakland County Circuit Court or the 48th District Court.

18. FAIR PROCUREMENT OPPORTUNITY: Procurement for the City of Birmingham will be handled in a manner providing fair opportunity for all businesses. This will be accomplished without abrogation or sacrifice of quality and as determined to be in the best interest of the City of Birmingham.

IN WITNESS WHEREOF, the said parties have caused this Agreement to be executed as of the date and year above written.

WITNESSES:

_____

_____

_____

CONTRACTOR
TRI-STAR ROOFING & SHEET METAL, LLC

By: _____

Its: SR. ESTIMATOR

CITY OF BIRMINGHAM

By: _____
Stuart Lee Sherman
Its: Mayor

By: _____
Laura Pierce
Its: City Clerk

Approved:

_____
Lauren Wood, Director of Public Services
(Approved as to substance)

_____
Mark Gerber, Director of Finance
(Approved as to financial obligation)

_____
Timothy J. Currier, City Attorney
(Approved as to form)

_____
Joseph A. Valentine, City Manager
(Approved as to substance)

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/17/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
McNish Group
26622 Woodward Avenue Ste. 200
Royal Oak MI 48067

CONTACT NAME: Kerri Marsalese
PHONE (A/C, No, Ext): 248-544-4800 FAX (A/C, No): 248-544-4801
E-MAIL ADDRESS: kmarsalese@mcnish.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Continental Casualty Co.	20443
INSURER B : Valley Forge Insurance Co.	20508
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED TRIST-2
Tri-Star Roofing and Sheet Metal, LLC
3753 Lapeer Rd.
Port Huron MI 48060

COVERAGES CERTIFICATE NUMBER: 686844032 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			C6014022896	6/10/2014	6/10/2015	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$50,000
							MED EXP (Any one person)	$5,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$2,000,000
	OTHER							$
B	AUTOMOBILE LIABILITY			C6014022879	6/10/2014	6/10/2015	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS / X NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR			C6014022882	6/10/2014	6/10/2015	EACH OCCURRENCE	$2,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$2,000,000
	DED X RETENTION $10,000							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC6013945963	6/10/2014	6/10/2015	X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N	N/A					E.L. EACH ACCIDENT	$500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$500,000
							E.L. DISEASE - POLICY LIMIT	$500,000
A	Installation Floater			C6014022896	6/10/2014	6/10/2015	$350,000 $50,000 $1,000	Per Loc/Disaster Transit/Temp Loc Ded

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Flat Roof Replacement at the Dept of Public Safety Facility.
General Liability and Automobile Liability includes following Additional Insured's as required by written contract: City of Birmingham, including all elected and appointed officials, ,all employee and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof. This coverage is primary to any other coverage that may be available to the additional insured's whether any other available coverage by primary, contributing or excess.
Thirty (30) days prior written notice except ten (10) days for non payment shall be given to Certificate Holder in the event of cancellation or non-renewal of the insurance

CERTIFICATE HOLDER

City of Birmingham - Attn; P. Matthews
151 Martin St
Birmingham MI 48009

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Michelle B. Graham

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