MEMORANDUM

IT Department

DATE: **August 6, 2015**

TO: **Joseph Valentine, City Manager**

FROM: **Gary M. Gemmell, IT Manager**

SUBJECT: **Replacement of UPS Capacitors and Batteries**

In 2008, the City purchased an Emerson 30KVA centralized whole computer room serving Uninterruptable Power Supply (UPS) at a cost of $25,282.00 plus considerable electrical labor so as to be able to filter and condition all computer room electrical power service and provide battery backup to critical information technology infrastructure. The City also upgraded its capacity for providing electrical business continuity protection by purchasing a whole building generator to specifically protect against blackout/longer term power loss within all of City Hall. Although, the computer room UPS is backed up by generated power (limiting the number of batteries required), the UPS continues to provide a vital function for protecting sensitive IT equipment against short-term power loss, not mitigated by a generator, and by protecting equipment from damaging spikes or under power conditions.

With respect to the UPS, the IT Department maintains the level of business continuity provided by this asset in two ways. First, we utilize a regular service agreement. Over the years, IT has twice switched support vendors so as to more cost effectively now presently rely upon Nationwide Power as the provider of a responsible and least cost service. This regular service contract covers annual inspection/testing and provision for emergency service should any covered failure occur. Secondly, every three to four years, all twenty-four batteries need be replaced in accordance with the manufacturer's recommendations. Every seven years, the manufacturer recommends replacement of capacitors.

The UPS is now seven years old and has reached the manufacturer's recommended parts replacement interval for all batteries again and now at this time all capacitors should be replaced too. The City's present maintenance provider offered to provide the above described out of normal service agreement scope parts replacements for $9,231.92. However, by utilizing GSA extendable government contract pricing, the City is eligible to obtain the required parts and installation labor from Emerson Network Power, Liebert Services, for $7,896.75. Battery and capacitor replacement has been proactively planned as a 2015-16 Computer Equipment Fund budgeted expense.

SUGGESTED RESOLUTION:
To approve purchase of UPS service life extending parts and labor from Emerson Network Power, Liebert Services, in an amount not to exceed $7,896.75 and charge the purchase against the 636-228.000-933.0600 Computer Maintenance account.