

RESOLUTION NO. R17-819

**A RESOLUTION TO AUTHORIZE TASK ORDER RELATIVE TO THE
NEW PUBLIC WORKS BUILDING TO BE CONSTRUCTED**

WHEREAS, the City of Stockbridge ("City") is a municipal corporation duly organized and existing under the laws of the State of Georgia and is charged with being fiscally responsible concerning the use and expenditure of all public funds; and

WHEREAS, the City proposes to approve a task order for the City's proposed new public works building;

THEREFORE, THE CITY COUNCIL OF THE CITY OF STOCKBRIDGE HEREBY RESOLVES:

SECTION 1. Approval of Purchase. The task order attached hereto as Exhibit A is hereby approved by the City Council.

SECTION 2. Public Record. This document shall be maintained as a public record by the City Clerk and shall be accessible to the public during all normal business hours of the City of Stockbridge.

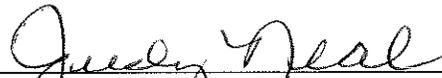
SECTION 3. Authorization of Execution. The Mayor is hereby authorized to sign all documents necessary to effectuate this Resolution.

SECTION 4. Attestation. The City Clerk is authorized to execute, attest to, and seal any documents which may be necessary to effectuate this ordinance, subject to approval as to form by the City Attorney.

SECTION 5. Effective Date. This resolution shall become effective immediately upon its adoption by the Mayor and City Council of the City of Stockbridge as provided in the City Charter.

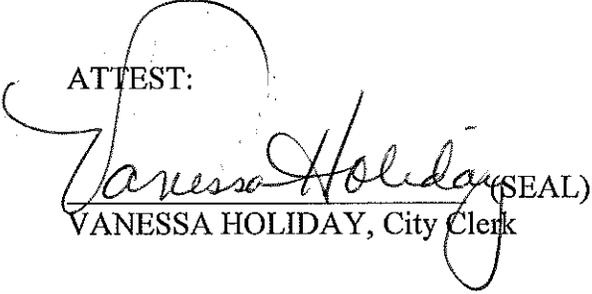
[SIGNATURES APPEAR ON FOLLOWING PAGE]

SO RESOLVED this 8th day of May, 2017.



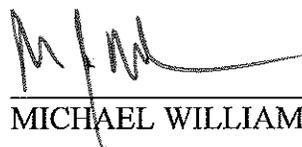
JUDY NEAL, Mayor

ATTEST:



VANESSA HOLIDAY, City Clerk

APPROVED AS TO FORM:



MICHAEL WILLIAMS, City Attorney



Responsive People. Real Partners.

*Architects
Engineers
Planners
Constructors*

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Peachtree Corners, GA 30092

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May 4, 2017

Mr. Decius Arron
Public Works Director
City of Stockbridge
4640 North Henry Blvd.
Stockbridge, GA 30281

Subject: Stockbridge Public Works Facility, Construction Drawings, Flood Assessment, Geotechnical Evaluation and Cost Estimate Services.

Dear Mr. Arron:

During the review of the master plan and the concept review we discussed your desire to move forward with the design phase of construction plans. In addition you asked for an opinion probable cost throughout the process. This will identify the potential cost of construction and help identify the need to modify the scope so that the facility can be built within your budget.

In order to provide an appropriate design we recommend completing a Geotechnical Evaluation of the building location. This will help identify the current site conditions and provide an appropriate and cost-effective design in areas such as building foundations, pavement design and storm water management.

Also, per our discussion the construction will require a certification stating that the building will not cause a change in the current and future conditions floodplain in which it will be placed. In order to do this our staff must analyze the current floodplain and future floodplain with and without the proposed development. The evaluation will need to show that there will be no adverse impact due to the development. This is required to attain permits and variances needed to construct the facility, associated parking, drives and storm water controls.

A more detailed scope is outlined below.

Scope of Service

If approved the following services will be provided as outlined below:

1. Construction Drawings.

These drawings will include drawings, specifications and details required to bid the project and obtain building permits. The design aspects will address applicable local, state, and federal requirements. A 95% complete set will be submitted to the City for review. The City's comments are anticipated to be returned within two weeks of submittal. Once the comments have been received they will be included in the final Construction Documents which will include the following items:

i. Architectural

1. Floor plan
2. Reflective ceiling plan
3. Roof plan
4. Select exterior elevations
5. Select interior elevations
6. Architectural details
7. Finish schedules
8. Code review and life safety plan

- ii. Structural
 - 1. Foundation plans
 - 2. Framing sections
 - 3. Roof plan
 - 4. Structural details
 - iii. Electrical
 - 1. Lighting plan
 - 2. Power plan
 - 3. Mechanical power plan
 - 4. Security plan
 - 5. Equipment schedule
 - 6. Electrical site plan
 - 7. Panel schedules
 - 8. Electrical details
 - iv. Telecommunication
 - 1. Riser diagram
 - 2. Telecomm site plan
 - 3. Telecomm details
 - v. Fire Protection
 - 1. Fire protection plan
 - 2. Fire protection details
 - 3. Fire alarm riser diagram
 - vi. Civil
 - 1. Vicinity map
 - 2. Demolition plan
 - 3. Site plan
 - 4. Grading plan
 - 5. Storm sewer plan
 - 6. Utility plan
 - 7. Sanitary sewer plan
 - 8. Paving plan
 - 9. Striping plan
 - 10. Civil details
 - 11. Erosion and sediment control plan
 - 12. Erosion control details
2. Floodplain Study
- This study will be provide in an effort to gain permits and variances required by local, state, and federal agencies for development within the 100 year flood plan as established by the Federal Emergency Management Agency (agency). This study will include the following.
- i. Flood Modeling: This will show current floodplain and the anticipated effect that the new facility will have on the floodplain.
 - ii. Volume Compensation: This provides the amount of volume the must be added to the floodplain in order to prevent a rise in the Floodplain through this development.
 - iii. Flood Study: This documents will provide a detailed description of the findings of the flood modeling and volume to compensation. It will outline the requirements to develop the site based on these findings.
 - iv. This process does not include the cost of any development; permit application or variance fee.
3. Cost Estimate
- A cost estimate (an opinion of probable cost) is an invaluable tool during the design process. Pond will provide cost estimates at periodic increments during the plan development process. This will begin with an estimate based on our design to date. Because the plans are not fully developed this estimate will be more of a parametric estimate. This is good to make sure we are in line with you budget goals from the start. This will be followed by a second estimate at approximately halfway through the design (50%) to insure we are still on track with plans that have a higher level of detail. The last estimate will accompany our review submittal at the 95% point. Baring significant comments or changes, we would expect this estimate to be in line with what you may expect at time bid.

4. Geotechnical Evaluation

The geotechnical investigations is critical to the development of the site and building plans. Unknown issues such as unsuitable soils, rock and buried debris can cause costly change orders during the construction phase. Determining these items upfront allows the design team to account for potential unknowns. In addition to move forward with a suitable foundation design a soils report is needed. The report shall include the following information and recommendations:

- a. Introduction
 - i. Purpose of Exploration
 - ii. Scope of Investigation
 - iii. Summary of Recommendations
- b. Project Information
 - i. General Information
 - ii. Report Organization
 - iii. Project Documents
- c. Site and Subsurface Conditions
 - i. Surface Conditions
 - ii. Geology
 - iii. Earthquake Potential (soil profile and Seismic Site Classification per the 2012 International Building Code (IBC)
 - iv. General Subsurface Conditions, including lateral earth pressure coefficient (passive, at rest and active).
 - v. Laboratory Test Results and Soil Parameters
 - vi. Site Groundwater
- d. Foundation Recommendations
 - i. General Basis for Recommendations
 - ii. Settlement Considerations
 - iii. Shrink/Swell Potential
 - iv. Organic Content
 - v. Construction Considerations (spread and strip footings)
 - vi. Pile recommendations (if required)
 - vii. Recommended pile type and capacities based on design loads provided (compression, tension and lateral) – lateral pile capacities should be determined assuming minimum reinforcement as required by code and a total allowable translation of ¼" at the top of pile.
 - viii. Recommendations in regard to the use of Geopiers in lieu of deep foundations (if required, based on site specific findings)
 - ix. CBR and k values for the soil.
- e. Construction Considerations
 - i. Site Preparation
 - ii. Compacted Fill Operations
 - iii. Suitability of On-Site Soils for Fill Use
 - iv. Slab-on-Grade Considerations (including subgrade modulus)
 - v. Recommended rigid and flexible paving sections
- f. Dewatering (if required)
- g. Graphical Presentation
 - i. Boring Location Plan
 - ii. Subsurface Profile
 - iii. Boring Logs, including blow counts
 - iv. Groundwater Level Data
- h. Laboratory Data
- i. Other Relevant Information
- j. Other considerations
 - i. Boring elevations will be referenced to a benchmark located on the project site. The location of the benchmark will be agreed to by the Contractor and the Owner's representative prior to commencing drilling operations.
 - ii. Any subsurface utilities and structures prior will be located prior to commencing drilling.
 - iii. The contractor will be responsible for any damages to existing utilities resulting from the exploratory activities and such damage shall be repaired at the Contractor's expense

- iv. The contractor shall promptly restore the site to its original condition at the location of each operation.

Professional Fees

All work outlined above will be conducted by Pond with the exception of the, geotechnical and cost estimating service outlined above. In keeping with the Contract our fees will be hourly plus reimbursable expense, however an estimated total fee for the Construction Documents, Floodplain Study and Specifications has been provided below for your review. This is in addition to the fees previously authorized. Also, In keeping with the Contract paragraph 11.4, the fees for the cost estimating and geotechnical services shall be the fee invoiced Pond by the consultant plus 10%.

Construction Drawings, Floodplain Model and Specifications.	\$172,760 ESTIMATE
Geotechnical Exploration	\$ 6,160
Cost Estimating	\$ 6,875

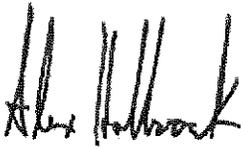
We appreciate the opportunity to provide these services to the City of Stockbridge and to continue working with you on this important project. Your signature and returned copy will serve as a Notice to Proceed for the Construction Documents, Floodplain Study, Specifications, Cost Estimate, and Geotechnical Evaluation.

If you have any questions, please feel free to call me at 404-748-4732. We look forward to working with you on this project.

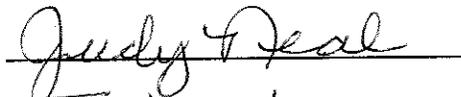
Sincerely,

POND

**NOTICE TO PROCEED
CITY OF STOCKBRIDGE**



Alex Holbrook
Program Director



Judy NEAL
(Printed Name & Title)

05-12-17
(Date)