

October 31, 2019

Re: City of Greensboro, NC
Perimeter Security Fence at Mitchell WTP
DMP 170262
Amendment #1 for Additional Services
COG Contract 2017-0600

Mr. Danny Briggs
City of Greensboro
PO Box 3136
Greensboro, NC 27402-3136

Dear Mr. Briggs:

Davis • Martin • Powell (DMP) and our Team of Engineered Concepts and J.C. Waller & Associates is pleased to present this proposal to provide expanded professional services for the above referenced project. We understand the City has been acquiring properties adjacent to the Mitchell WTP and desires to expand this project scope to include these properties.

Understanding of Project

The City has now acquired six (6) tracts (7865107399-000, 7865109361-000, 7865201348-000, 7865106254, 7865107212, and 7865107281) which lie to the north of the existing Mitchell WTP property as shown in Attachment A. These parcels contain approximately 3.13 acres (per Guilford County GIS data) and have been used as single and multifamily residential.

The City has requested the fence project be extended to encompass these parcels and this proposal has been developed to include this, and other items as requested by City staff in follow-up discussions.

Scope of Services

- A. Surveying of the Property. J.C. Waller & Associates, PC (JCW) will provide the following scope of surveying services:
1. Recordable Boundary Survey of all parcels.
 2. Topographic and above ground feature survey, consisting of approximately 2.9 acres as shown on Attachment A. The feature survey shall identify all existing impervious area (buildings, concrete and paved surfaces).
 3. SUE Quality Level B to delineate utilities including telephone, power, CATV, gas, water within the expanded area, subject to limitations in the original scope of work.

4. Obtain the locations, inverts, pipe size, and material of any storm sewer and sanitary sewer structures located within the survey limits.
5. Survey will be tied to the North Carolina Geodetic (NAD 83/NVAD88) and the J.C. Waller 2018 survey of the Mitchell WTP.
6. Establish up to two additional permanent site benchmark monuments.
7. Prepare a recombination map to join these properties with the recently completed Mitchell WTP.

B. Perimeter Fence Design: Engineered Concepts (EC) and DMP

1. Extend the Decorative Security Fence design to the northern most corner of the new property, and turn west approximately one segment, for an addition length of approximately 350 LF.
2. Design a standard (non-decorative) chain-link security fence to enclose the remainder of the property. Two vehicular swing gates are anticipated exiting to Whilden Place and Seminole Drive.
3. Submit construction documents for approval of fence routing and at 90% of completion.
4. Analyze semi-truck travel paths entering and exiting the WTP site at the main entrance and on Seminole Street, and traffic through the site.
5. Design of a new controlled access gate at the Main Entrance, coordinate with ARCADIS for electrical service, and provide an elevation certificate (if needed) for the gate operator electrical components.
6. Attend additional Project Team Meetings with the City (up to three meetings) to coordinate the final construction documents.

C. Bidding and Construction Phase Services

1. Incorporate the additional work above into the current project documents.
2. Prepare a detailed work breakdown and cost estimate for City's use in setting M/WBE goals per the newly adopted City policy.
3. Include Bidding Services in the event up to two (2) re-bids are necessary to select a responsive and responsible bidder.
4. Increase the number of periodic site visits to 36 visits and attend up to 9 monthly progress meetings. A 180 day substantial completion period is anticipated.
5. Prepare Record Drawings based on the Contractor and Field Engineer's markups.

D. Additional Services

1. Additional meetings and work related to the coordination of fence design with the City's artist, development of alternative renderings for the signage section of fence, design of selected alternative, and fence rerouting to avoid conflicts with the final Electrical Upgrade Site Plan.

Compensation

Compensation for the Services as described herein will be as follows:

Phase	Original Contract Amount	Increase this Amendment	New Contract Amount
0001. Perimeter Fence Design (LS)	\$ 26,000	\$ 15,000	\$41,000
0002. Base & Utility Mapping Survey (LS)	\$ 46,000	\$ 0	\$ 46,000
0003. Bidding and Construction Phase Services (LS)	\$ 15,000	\$ 51,100	\$ 66,100
0004. Direct Reimbursable Expenses (NTE)	\$ 1,000	\$ 0	\$ 1,000
0005. Additional Boundary, Topo, Feature Survey & Level B SUE (LS)		\$ 21,500	\$ 21,500
0006. Additional Services (LS)		\$ 13,000	\$ 13,000
0007. Recombination Plat (LS)		\$ 9,000	\$ 9,000
Total Fee	\$ 88,000	\$ 109,600	\$ 197,600

The terms and conditions of DMP's current "Agreement for Professional Services" (January 29, 2014) with the City of Greensboro Water Resources Department shall apply to this project.

Closing

DMP's Team appreciates the opportunity to submit this proposal. If acceptable, please forward the appropriate contract documents to our office for execution. If you have any questions or if you would like to discuss this proposal in more detail, please let me know.

Sincerely,

DAVIS • MARTIN • POWELL & ASSOCIATES, INC



Michael L. Slusher, PE
President

MLS
Enclosures. Attachment A

C. Rob Kennerly, Engineered Concepts

Attachment A - Additional Property



March 8, 2019

Approximate Survey Limits
(revised 10/31/2019)

