

February 9, 2018

Durham County General Services
310 S. Dillard Street
Durham, NC 27701

**Re: Fee Amendment Request No. 1: Replacement of ATS and Two HVAC Units
Durham County Detention Center Elevator Upgrades
RFQ No. 16-019, RND # 1624.02**

RND Architects respectfully submits this request for additional Professional Architectural/Engineering Services for the Replacement of ATS and Two HVAC Units at the Durham County Detention Center.

Based on our understanding of the project we propose the following scope of work:

Description:

ATS Replacement: The County desires to replace three existing automatic transfer switches.

- a. The Detention Center must have interrupted emergency power. Thus, the equipment replacement will require standby generators to serve the Center during the replacement.
- b. The new ATS require bypass isolation to permit scheduled maintenance of the switches without shutting down the system.

DX HVAC Unit Replacements.

- a. Replace two 7 ton Trane DX units. One located above ceiling in Central Controls and other in the Elevator Machine Room.

Proposed Design Services:

- 1- Design Services. We propose providing the following Design Services:
 - o Design Concept/Narrative- prepare design documents of the scope of work for review and approval. Includes preliminary cost estimate and schedule impacts.
 - o Construction Documents- prepare construction drawings and technical specifications to be issued to the Contractor for permitting and pricing as a Change Order Request (COR).
 - o Change Order- following review and approval of the Contractors COR, prepare and issue Change Order for the work.
 - o Construction Administration – conduct site observations, review of shop drawings, pay applications, change orders etc., closeout associated with the Change Order.

Proposed Design Fees:

To provide the design services outlined above, we request the following additional design fees:

Fee Amendment Request No. 1

1- Schematic Design/Construction Documents Services	\$ 8,400.00
2- Construction Administration Services	\$ 8,400.00
Total Fee Amendment Request No. 1	\$16,800.00

Summary of Design Fee

1- Original Contract	\$ 161,100.00
2- Fee Amendment Request No. 1	\$ 16,800.00
Requested Total Amended Contract Amount	\$177,900.00

Participation of Minority and Women Business Enterprises (M/WBEs)

Our Design Team continues to include M/WBE participation by the women owned firm, Engineered Designs, Inc. of Raleigh. With acceptance of this request, their total fee for the project would become \$35,300 or 19.8% of the total design fee.

Preliminary Additional Project Cost Summary

Our preliminary Opinion of Probable Additional Project Cost is \$358,350. This includes Construction Cost (includes GC 15% markup) of \$310,500, Construction Contingency (10%) of \$31,050, and Additional Design Costs of \$16,800.

Project Schedule

Based on our understanding of the scope of work, the construction contract duration will increase by 2-3 weeks so the ATS replacement work can be completed following the elevator work. The HVAC work will be scheduled in coordination with the elevator upgrades and should have little of no impact on the over all construction schedule.

Consultants

Our consultant for this work will be as follows:

MEP Engineering: Engineered Designs Inc., Raleigh, NC

We look forward to working with Durham County on this project. If you have any questions, please call me.

Sincerely,



Charles Nickelson, AIA
RND Architects, PA

Cc: Karen Perry, RNDpa
File 1624.02