



Gupta & Associates, Inc.

consulting engineers
TBPE Registration #F-2593
13717 Neutron Road
Dallas, Texas 75244
Tel: 972-490-7661

11 September 2019

Freese and Nichols, Inc.
10431 Morado Circle, Suite 300
Austin, Texas 78759
Attn: Kendall King, P.E.
(512) 381-1834 (Office)
(817) 929-9536 (Cellular)
kk@freese.com

Re: Pflugerville Central WWP Expansion
Construction Phase Services Amendment

Dear Mr. King:

Gupta and Associates, Inc. (GAI) is thankful for the opportunity to work with you on this Project. We are requesting an increase to our existing contract for the construction phase services associated with the electrical distribution and controls (ED&C) as well as the instrumentation and controls (I&C) for this project. This work is summarized by the following:

1. Participation in monthly construction progress meetings.
2. Review and responses to Contractor shop drawing submittals, requests for information, and O&M manuals.
3. Participation in site acceptance testing.
4. Participation in substantial and final completion inspections.

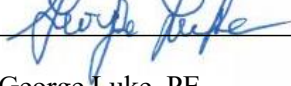
GAI is requesting additional fee to continue providing the requested services under the existing sub-consultant agreement for this Project. The fee request for this work is summarized below:

Description

| | |
|--|-------------------|
| Original Contract Amount: | \$ 400,000 |
| Previously Approved Contract Amendments Prior to This One: | <u>\$ 0</u> |
| Current Contract Amount: | \$ 400,000 |
| Requested Additional Base Services Fee: | \$338,236 |
| Requested Additional Special Services Fee: | \$12,752 |
| Amount of This Contract Amendment: | <u>\$ 350,988</u> |
| Total Revised Contract Amount: | \$ 750,988 |

Additional information regarding this is attached. If this is acceptable, please sign below and return this for our records.

Submitted by:

By: 
George Luke, PE

Title: Engineering Manager

Date: 11 September 2019

Approval for Freese and Nichols, Inc.:

By: _____

Title: _____

Date: _____

GAI is requesting an amendment for this work under the existing subconsultant agreement for this Project. The labor hours associated with this fee request is summarized as:

| Principal | Proj Mgr | Eng – Sr. | Engineer | Eng – Project | Designer – Sr. | CAD – Sr. | Admin | Total Hours | Total Fee |
|--------------------|----------|-----------|----------|---------------|----------------|-----------|---------|-------------|-----------|
| \$225/Hr | \$210/Hr | \$181/Hr | \$125/Hr | \$105/Hr | \$141/Hr | \$90/Hr | \$75/Hr | | |
| 24 | 24 | 298 | 272 | 1188 | 358 | 225 | 262 | 2651 | \$313,496 |
| Other Direct Costs | | | | | | | | | \$24,740 |
| Total Basic Scope | | | | | | | | | \$338,236 |
| SPECIAL SERVICES | | | | | | | | | \$12,752 |
| TOTAL | | | | | | | | | \$350,988 |

Alternatively, this can be shown as:

| Description | ED&C | I&C | Total |
|---|-----------|-----------|-----------|
| Construction Phase Services | \$163,492 | \$122,774 | \$286,266 |
| Post Construction Services | \$28,257 | \$23,713 | \$51,970 |
| Total Basic Service | \$191,749 | \$146,487 | \$338,236 |
| Special Services: PLC Factory Witnessed Testing | \$0 | \$12,752 | \$12,752 |
| Total | \$191,749 | \$159,239 | \$350,988 |

This is based upon the following assumptions:

| Description | Assumption |
|--|------------------------|
| Project Duration | 24 Months |
| Monthly Construction Progress Meetings Attended | 24 |
| Pre-Construction Progress Meeting Attended | 1 |
| Contractor Shop Drawing Submittals Reviewed | 132 |
| Contractor O&M Submittals Reviewed | 64 |
| Contractor Requests for Information Answered | 60 |
| Contractor Proposed Contract Modifications Reviewed | 8 |
| Substantial and Final Completion Inspections Conducted | 2 |
| Software Coordination Meetings Attended | 5 ¹ |
| PLC Factory Witnessed Testing | 5 Days ² |
| Site Functional Demonstration Testing | 3 Days ³ |
| Additional Site Acceptance Testing | 5 Trips ⁴ |
| Assistance with Updated Plant O&M Manual | 100 Hours ⁵ |

Notes:

1. Three meetings with the PCSI, two meetings with the ASP included in base scope.
2. Three days for hardware testing, two days for software testing NOT included in base scope. This is included with SPECIAL SERVICES.
3. Three separate trips to accommodate phased startup included in Base Scope – Post Construction.
4. Two engineers (one for ED&C and one for I&C) for a total of 100 hours over the course of five different startup trips included in Base Scope – Post Construction.
5. This assumes a written description of the updated ED&C and I&C facilities included in Base Scope – Post Construction. References will be made to control narratives and plan drawings, but no new drawings or control narratives will be required. Basic troubleshooting and maintenance guidance will be provided but these are not anticipated to be detailed or all-inclusive. A draft submittal will be provided for review. Review comments will be incorporated into a final O&M. No on-site meetings will be required.