

January 12, 2009

**PGAL**

Bill Burke  
Project Manager  
Collin County Construction & Planning  
Central Plant  
4600 McKinney Ave.  
McKinney, Texas 75070

Re: Fee Proposal for A/E Services  
Collin County Courthouse Addition – Central Plant Design Upgrade

Dear Bill:

PGAL will provide Architectural and Engineering Services under an additional services agreement, under the provisions of the Collin County Courthouse Addition Contract. Under PGAL's contract we will serve as the project manager and coordinate all services as the owner's agent. The fees we are requesting associated with these revisions are for services including design engineering for equipment, piping and controls system upgrades to the Central Plant.

The project scope will include:

- Construction documents for the installation of heat exchangers to serve the thermal storage tank. Variable speed drive pumps for supply and demand flow, piping, and automation controls to be included. Relocation of heat exchangers from existing buildings to central plant.
- Construction documents for re-piping existing plant chillers to allow each chiller to independently "charge" the thermal storage tank. Piping and automation controls to be included.
- Construction documents for replacement of existing chiller primary pumps with new higher efficiency pumps. The pumps will be provided with variable speed drives to allow each chiller to serve the role of either thermal storage tank charging or serving the campus chilled water distribution system.
- Construction documents for all required automation system modifications and sequences of operation.
- Relocation of split system unit in central plant.
- Preparation of probable costs for proposed work.
- Construction administration for proposed work.
- Structural design engineering services.
- Architectural coordination and services.

These fees are as follows:

PGAL	\$ 15,000.00
Walter P. Moore	\$ 6,000.00
Summit Consultants, Inc.	\$ 25,800.00
<u>TOTAL</u>	<u>\$ 46,800.00</u>

Alternate Additional Service:

- Summit Consultants, Inc., Commissioning of equipment and sequences of operation for proposed work. \$ 2,000.00

Reimbursable Costs: We would expect to be reimbursed for any out-of-pocket expenses we incur on behalf of the project such as cost of reproduction, plotting, special handling or delivery, permit fees and travel associated with the project per the Collin County Standard Agreement. I estimate this not to exceed \$1,750.00. Reimbursable expenses will be billed at cost plus 10%. Thank you for the opportunity to serve Collin County. Please do not hesitate to call should you have any questions regarding this proposal.

Sincerely,  
PGAL



David L. Andrews, AIA  
Principal  
cc: file