

September 6, 2018

Mr. Dale Butler
Williamson County
3101 SE Inner Loop
Georgetown, TX 78626

Re: Williamson County Jail Facility HVAC, Plumbing and Electrical Modifications

Dear Mr. Butler:

At your request, Talex Engineers proposes to provide continuing engineering services for design, investigation and consulting on the Jail Plumbing and Kitchen HVAC modification project. The scope of work includes approximately the following items:

- Replace existing Chilled Water Pipe insulation in the South Jail (1st, 2nd, 3rd Fl)
- Replacement of Suspended Ceilings on 2nd & 3rd floors and
- Upgrade light fixtures in new ceiling areas to LED.
- Upgrade lighting in Loading Dock area
- Relocate Fan Coil unit in Chief Rahl's office to hallway and modify existing duct
- Repair hot water link on 2nd floor
- Replace PVC sewer piping above Crime Lab with cast iron
- Upgrade / Replace Sally Port Drive lighting
- Install Stainless Steel Countertops caps to existing counters at: Booking, Medical & Control
- Add card readers at nine doors in the Sheriff's Office Administration Area (optional – may be included as an alternate bid)
- Correct remaining North Jail Hot Water Circulation Loop issues not address in prior work - Check valves at pod mixing valves, remove small pod recirculation pumps, pod return currently tied to tempered water
- Replace existing touch screen jail door control and monitoring systems in Master Control, 2nd Floor North & South and 3rd Floor North & South for a total of six rooms. Integration of the existing CCTV & intercoms system with option to link intercoms selection to camera call up
- Add man traps including six slider devices with frames and one swing door at designated locations
- Install fence and gates at each end of the alley between the Justice center and Jail buildings. Automatic folding gates with controls at Central Control Room and/or a guard shack which would be constructed as part of the project. (optional – may be treated as an alternate bid)

- Resolve existing roof drainage problems in the Courts building causing crawl space flooding and run-off issues

Fee: We anticipate the scope of work will be performed primarily by the following firms which will be billed through Talex Engineers serving as the prime consultant. The fee is proposed to be on an hourly basis at the following rates:

Talex Engineers:

Principal:	\$200.00 per hour
Senior Engineer:	\$150.00 per hour
Staff Engineer/Sr. Designer:	\$130.00 per hour
Designer/Drafter:	\$100 .00 per hour

CP&Y Architects:

Managing Architect:	\$180.00 per hour
Architect:	\$170.00 per hour
Architect Intern:	\$150.00 per hour
Sr. Technician:	\$110.00 per hour
CAD Technician:	\$100.00 per hour

IMEG Security Consultants:

Sr. Engineer	\$200.00 per hour
Sr. Designer	\$150.00 per hour
Sr. CAD Technician	\$100.00 per hour

Expenses: Normal printing of check sets and design correspondence is included in the Basic Services fee. Expenses such as mileage (at current government reimbursable rate), out of town travel, prints, copy costs, courier services, etc., will be billed at cost.

It is presently estimated that the fee for these services will not exceed \$225,000.00.

It is anticipated that the form of contract will be an Agreement for Engineering Services form produced by Williamson County.

Please let me know if this proposal is acceptable to you. We look forward to working with you on this project.

Sincerely yours,

Tom Alexander

Thomas R. Alexander, P.E.