



November 3, 2016

Mr. John Ingram/Mr. Napoleon Haney
Public Works Director/Assistant Public Work Director
Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60464

Re: Domestic Water Upgrade

Mr. Ingram & Mr. Haney,

Per our conversation, CTS recommends the following solution for Upgrading the Sportsplex Domestic Water System and Men's and Women's Locker Room Shower Renovations:

The turnkey solution includes engineering with architectural fees/permits/drawings (3.5%), project management (3.5%), performance & payment bonds (1.4%), commissioning (1.5%), insurance (1%), overhead/profit (5%/8%), and subcontractor work completion.

Sportsplex Scope of Work for DW Heaters and Shower Renovation:

Domestic Hot Water System

- Demo and remove existing storage tank and heat exchanger. Domestic hot water (DHW) and heating hot water system will be decoupled.
- Provide and install two (2) new water heaters with new expansion tank to match heater requirements.
- Connect new DHW system to existing distribution system.
- Insulate new piping.
- Tie-in new system to existing temperature controls to display real-time status.
- Provide start up and commissioning of new system.
- De-commissioning of existing temporary domestic hot water system.

Shower Renovation

General

- Demolition of existing shower piping and removal of drywall as needed to access existing piping.
- Demolition of existing temperature control system and mixing valve.

- Remove existing towel hooks, benches, mirrors and grab bars at the existing Men's room shower area and reinstall after ceramic tile installation.
- Remove existing towel hooks, benches, mirrors and grab bars, curtain rods at the existing Women's room shower area and reinstall after ceramic tile installation.

Shower Stalls

- Furnish and installed new hot and cold water piping to each shower in men's and women's shower area.
- Provide and install all necessary hardware – shower head and single valve or individual valve for water temperature control.
- Provide compartment overhead braced floor mounted Phenolic shower partitions at East side of Men's room shower area.
- Provide overhead shower rod at the existing Handicap shower in Men's shower area.

Ceramic Tile

- Remove existing ceramic tile floors in Men's and Women's shower area only.
- Float and prep floors in order to install new 2"x2" Mosaic floor tile.
- Prepare existing cinder block walls to accept new ceramic wall tile.
- Install new ceramic wall tile for the walls in shower area for both men's and women's locker room.
- Install epoxy grout on walls and standard grout on floors.

Note: The Family Room Shower area has been excluded from this proposal at this time. CTS will include final engineering and present firm pricing as an alternate to this proposal for consideration by the Village.

Total Pricing (Not to exceed): \$489,500

Please contact me if you have any questions or need additional information. Thanks again.

Sincerely,

Michele A. James
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