



ESTIMATE

Control Specialist Services, L.P.
PO Box 1479
Decatur, TX 76234
www.csi5.com

NO: 0404-1
DATE: April 4, 2017

To: City of Denton
ATTN: Rusty/Mark

Subject: Pecan Creek Water Reclamation Plant, Raw Sewage Pump Station No.2
Hydraulic Improvements

Thank you for the opportunity to offer our services to rehabilitate the existing Pump Station No.2 and related work, located at the subject site. Please note; this estimate is a labor only proposal. CSS will furnish its own labor, tools, rigging, and incidentals to perform a complete job within the work area. All materials incorporated into project (remaining with site when complete) of any nature, to be furnished By Owner. Non incorporated materials by CSS.

This proposal encompasses The mutually agreed upon Contract attached, Specification Sections 02050 – 15390, Addendum #5 (no other Addenda seen) as applicable to installation of City furnished materials, Plans and Details from Hazen & Sawyer for the subject project.

Proposal costs include P&P Bonds, Insurance, Mobilization, PM charges.

Schedule of Values attached for individual pricing of work.

Item No.1 Bypass Pumping

East Side System 12 MGD @ 65 TDH. Junction Box North of PS2

- Mobilization (subcontractor)
- (3) 12" diesel bypass pumps (2 primary; 1 Standby)
- 12" suction & discharge HDPE to the manifold
- 18" discharge line from pump to bar screen structure
- Pipe restraint at line discharge point
- 36" plug at existing line
- Diesel fuel usage
- 24 hour per day pump watch
- Demobilization
- Price is a 30 day estimate

West Side System 12MGD @65TDH (Manhole North of PS1)

- Mobilization (subcontractor)
- (3) 12" diesel bypass pumps (2 primary; 1 Standby)
- 12" suction & discharge HDPE to the manifold
- 18" discharge line from pump to bar screen structure
- Pipe restraint at line discharge point
- 36" plug at existing line
- Diesel fuel usage
- 24 hour per day pump watch
- Demobilization
- Price is a 30 day estimate

NOTE: Provisions for Brick Manhole deconstruction and reconstruction Not Included.
There is not sufficient clearance to dewater from MH currently.

Item NO.2 Dry Well Mechanical

- Remove and Replace 24" knife gate valves on suction side, during bypass operations to allow isolation of dry pit.
- Remove all four existing pumps, deliver to owner
- Remove all pipe and fittings in dry pit, clean faces of fittings for reuse, and deliver to owner any remaining piping not reused.
- Demolition/Removal of concrete bases and pipe supports, per sheet S-2 of blueprints.
- Adjust air duct to function with new piping layout
- Layout footprint for new pumps and pipe supports.
- Provide owner with a pipe, valve, fitting schedule for dry pit.
- Install 30" discharge header to facilitate new layout for new pumps.
- Install 20" discharge piping from pumps to 30" discharge header.
- Install new pumps per revised layout plan.
- Install new piping/supports at sump pump system
- Construct new concrete pump bases and pipe support bases.
- Test piping for leaks
- Assist Owner with pump start up as needed.
- No provisions for section 09900, No finishes are included in proposal.

Item No.3 Wet Well Work PS2

- Demo/ Saw cut Concrete windows per plan sheet S-2 section A
- Drill, Epoxy, dowel rebar to existing concrete for baffle wall construction
- Construct new concrete baffle walls per details
- Install new Stainless Steel Splitter Veins per details
- Install filler concrete per details
- Clean up, return structure to service

Note: Crane with operator for Concrete operations, furnished by Owner.

Note: Concrete crack or spall repair, is not included in this proposal.

Item No.4 Junction Box Top Removal Structure North of PS2

- Saw cut and Remove existing concrete deck, dispose
- Install new reinforced aluminum plating.

Item NO.5 Yard Valve Replace

- Locate partially backfilled valve
- Evacuate upstream waste in line
- Remove Existing 36" Plug Valve
- Install 36" valve and sleeve with owner furnished materials
- Backfill, Site Regrade

Item No.6 36" Spool and Victaulic Replace @ Meter Vault

- Demo/Remove existing 36" spool and Victaulic coupling
- Install Owner furnished 36" spool and materials needed
- Verify leak test installation

Total Lump Sum Price: \$ 437,134.00

Note: price does not include any unforeseen parts or labor

Note: Estimated time to rehab. Lift station, 4 weeks

Note: Any outside testing, engineering, inspection or other costs associated with this estimate, shall be by others.

Note: Liquidated Damages of any kind are prohibited.

If extra labor or materials not described above are required due to unforeseen problems the owner will be notified for approval before work is completed. This quote is good for 30 days from the date referenced above. We thank you for considering Control Specialist Services for your service needs.

Please call if you have any questions.

Sincerely,
George Brown, President
940-626-1415
Email georgeb@csi5.com