

Bid Tabulation

Project: Water Plant Improvements (Site Drainage Improvements, Electrical Improvements, Standby Generator, Booster Pumps, and Chlorination System)

Bid Date: 10:00 a.m.
 Thursday, January 20, 2011
 Opened and Read at 10:00 a.m.
 Thursday, January 20, 2011
 Langford Engineering, Inc.

Langford Engineering, Inc.
 Project No. 113-050, Contract No. 1

All Bidders 140 Calendar Days

| Item No. | Description of Work | Approx. Quantity and Unit | W.W. Payton Corporation Katy, TX 5% T.A.B. | | Gemini Contracting Services Inc. Houston, TX 5% A.B. | | B-5 Construction Co, Inc. Magnolia, TX 5% B.B. | | RN Civil Construction Centennial, CO 5% B.B. | |
|----------|---|---------------------------|---|--------------|---|--------------|---|--------------|---|--------------|
| | | | Unit | Total | Unit | Total | Unit | Total | Unit | Total |
| Base Bid | | | | | | | | | | |
| 1. | Mobilization | 1 L.S. | \$ 20,000.00 | \$ 20,000.00 | \$ 30,000.00 | \$ 30,000.00 | \$ 26,305.00 | \$ 26,305.00 | \$ 42,720.00 | \$ 42,720.00 |
| 2. | Clearing and Grubbing Along the West Perimeter and at Proposed Ground Storage Tank Construction Area, Per Plans and Specifications | 1 L.S. | \$ 8,000.00 | \$ 8,000.00 | \$ 8,000.00 | \$ 8,000.00 | \$ 9,520.00 | \$ 9,520.00 | \$ 8,000.00 | \$ 8,000.00 |
| 3. | Removal of West Perimeter Fence and Replacement with 6" Chain Link Fence with Barbed Wire Outriggers 1' off West Property Line per the Plans and Specifications | 1 L.S. | \$ 7,000.00 | \$ 7,000.00 | \$ 7,000.00 | \$ 7,000.00 | \$ 9,317.00 | \$ 9,317.00 | \$ 8,000.00 | \$ 8,000.00 |
| 4. | Removal, Disposal, and Replacement of 6" Concrete Paving Mostly Within Harris County Right-Of-Way Required to Install 24" RCP Storm Sewer, Per Plans and Specifications | 151 S.Y. | \$ 100.00 | \$ 15,100.00 | \$ 100.00 | \$ 15,100.00 | \$ 191.00 | \$ 28,841.00 | \$ 200.00 | \$ 30,200.00 |
| 5. | Furnish and Install 24" RCP Storm Sewer, All Depths (C-76, CL III) | 37 L.F. | \$ 120.00 | \$ 4,440.00 | \$ 60.00 | \$ 2,220.00 | \$ 177.00 | \$ 6,549.00 | \$ 240.00 | \$ 8,880.00 |
| 6. | Removal, Disposal, and Replacement of Concrete Paving within Property Limits to Accommodate Storm Sewer Lines, Per Plans and Specifications | 92 S.Y. | \$ 90.00 | \$ 8,280.00 | \$ 80.00 | \$ 7,360.00 | \$ 150.00 | \$ 13,800.00 | \$ 400.00 | \$ 36,800.00 |
| 7. | Furnish and Install 18" HDPE Storm Sewer, All Depths | 403 L.F. | \$ 50.00 | \$ 20,150.00 | \$ 40.00 | \$ 16,120.00 | \$ 43.00 | \$ 17,329.00 | \$ 100.00 | \$ 40,300.00 |
| 8. | City of Houston Storm Sewer Type "A" Inlet with Grate and Frame | 7 Ea. | \$ 4,000.00 | \$ 28,000.00 | \$ 2,000.00 | \$ 14,000.00 | \$ 2,629.00 | \$ 18,403.00 | \$ 2,000.00 | \$ 14,000.00 |
| 9. | 4-1/2" Concrete Slope Paving Between Existing Ground Storage Tank Overflow/Drain and Type "A" Inlet and Between Well Blowoff and Type "A" inlet, Per Plans and Specifications | 6 S.Y. | \$ 200.00 | \$ 1,200.00 | \$ 30.00 | \$ 180.00 | \$ 225.00 | \$ 1,350.00 | \$ 100.00 | \$ 600.00 |
| 10. | Remove and Dispose of 8" Drain Line and Pipe Supports from Well Blowoff to Paving, Including Connection to Ground Storage Tank Overflow and Drain | 1 L.S. | \$ 3,000.00 | \$ 3,000.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 11,712.00 | \$ 11,712.00 | \$ 1,000.00 | \$ 1,000.00 |
| 11. | 90° Flanged Bend for Well Blow-Off | 1 L.S. | \$ 300.00 | \$ 300.00 | \$ 100.00 | \$ 100.00 | \$ 550.00 | \$ 550.00 | \$ 300.00 | \$ 300.00 |

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|---------|---|---------------------------|--|---------------|--|---------------|---|---------------|---|---------------|
| | | | Unit | Total | Unit | Total | Unit | Total | Unit | Total |
| 12. | Weighted Flap Valve for Existing Ground Storage Tank Overflow and Drain | 2 Ea. | \$ 500.00 | \$ 1,000.00 | \$ 100.00 | \$ 200.00 | \$ 1,539.00 | \$ 3,078.00 | \$ 1,000.00 | \$ 2,000.00 |
| 13. | Furnish and Install New 400 kW Diesel Generator and Automatic Transfer Switch. This Item Shall Include the Installation of a Concrete Pad and Access Platform for the Generator and Bollards as Shown in Plans and Specifications | 1 L.S. | \$ 150,000.00 | \$ 150,000.00 | \$ 130,000.00 | \$ 130,000.00 | \$ 179,171.00 | \$ 179,171.00 | \$ 182,000.00 | \$ 182,000.00 |
| 14. | Furnish and Install Replacement Electrical Service Entrance, Conductors and Appurtenances, Including Coordination of Conversion from 3-Wire to 4-Wire Service per the Plans and Specifications | 1 L.S. | \$ 25,000.00 | \$ 25,000.00 | \$ 30,000.00 | \$ 30,000.00 | \$ 16,880.00 | \$ 16,880.00 | \$ 49,000.00 | \$ 49,000.00 |
| 15. | Removal, Disposal, and Replacement of Concrete Paving Needed to Install Electrical Conduit and 8" Distribution Piping per Plans and Specifications | 40 S.Y. | \$ 90.00 | \$ 3,600.00 | \$ 75.00 | \$ 3,000.00 | \$ 122.00 | \$ 4,880.00 | \$ 300.00 | \$ 12,000.00 |
| 16. | Furnish Equipment, Materials, and Labor for Construction of One (1) 8' x 8' Chemical Storage Building Including Foundation, Sidewalks, Heaters with Dedicated Circuits, Doors, Louvers, Intake Fan, Lighting, Roof System, and all Appurtenances and Accessories, to Include, but not Limited to, Caulking, Sealing, and Painting as Shown on the Drawings and Stipulated in the Specifications | 1 L.S. | \$ 20,000.00 | \$ 20,000.00 | \$ 25,000.00 | \$ 25,000.00 | \$ 46,936.00 | \$ 46,936.00 | \$ 23,000.00 | \$ 23,000.00 |
| 17. | Furnish and Install New Gas Chlorine Disinfection System, per Plans and Specifications | 1 L.S. | \$ 45,000.00 | \$ 45,000.00 | \$ 40,000.00 | \$ 40,000.00 | \$ 26,396.00 | \$ 26,396.00 | \$ 52,000.00 | \$ 52,000.00 |
| 18. | Install 4' x 4' Concrete Pad Including Chains, Adjacent to Proposed Chlorine Building per Plans and Specifications | 1 L.S. | \$ 500.00 | \$ 500.00 | \$ 100.00 | \$ 100.00 | \$ 550.00 | \$ 550.00 | \$ 500.00 | \$ 500.00 |
| 19. | Demolish Wall Separating Motor and Electrical Control Equipment and Chlorine Room, and Refinish Surfaces in Existing Building per Plans and Specifications | 1 L.S. | \$ 1,000.00 | \$ 1,000.00 | \$ 500.00 | \$ 500.00 | \$ 1,064.00 | \$ 1,064.00 | \$ 10,000.00 | \$ 10,000.00 |

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|----------|--|---------------------------|---|---------------|--|---------------|---|---------------|---|--------------|
| | | | Unit | Total | Unit | Total | Unit | Total | Unit | Total |
| 20. | Remove Existing Door and Frames and Permanently Seal Existing Chlorine Room Entrance Doorway with Concrete Blocks per Plans and Specifications | 1 L.S. | \$ 1,000.00 | \$ 1,000.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,064.00 | \$ 1,064.00 | \$ 4,000.00 | \$ 4,000.00 |
| 21. | Furnish and Install Replacement Motor Control Center and Motor Feeder Conductors, per Plans and Specifications | 1 L.S. | \$ 100,000.00 | \$ 100,000.00 | \$ 50,000.00 | \$ 50,000.00 | \$ 101,276.00 | \$ 101,276.00 | \$ 97,000.00 | \$ 97,000.00 |
| 22. | Furnish and Install Replacement Control Panel for Monitoring Ground Storage Tank, Hydropneumatic Tanks, and Auto-Dialer per Plans and Specifications | 1 L.S. | \$ 35,000.00 | \$ 35,000.00 | \$ 125,000.00 | \$ 125,000.00 | \$ 50,639.00 | \$ 50,639.00 | \$ 35,000.00 | \$ 35,000.00 |
| 23. | Removal and Disposal of Two Existing Auxiliary Engines, Two Foundations, Two Direct Connects, Two Fuel Tanks, Three Booster Pumps, Motor Controls, Control Panels per Plans and Specifications | 1 L.S. | \$ 4,000.00 | \$ 4,000.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 25,386.00 | \$ 25,386.00 | \$ 1,000.00 | \$ 1,000.00 |
| 24. | Remove Existing and Replace with Proposed Booster Pump Station, Including 3-30 hp Pumps and Motors; Suction and Discharge Headers with Valves, Fittings, and Pipe Supports; and Concrete Foundation per Plans and Specifications | 1 L.S. | \$ 111,080.00 | \$ 111,080.00 | \$ 71,000.00 | \$ 71,000.00 | \$ 89,844.00 | \$ 89,844.00 | \$ 76,000.00 | \$ 76,000.00 |
| 25. | 12" D.I.P., Valves, and Fittings Needed to Connect Proposed Booster Pump Station to Existing Ground Storage Tank, Proposed Ground Storage Tank (Including Plugs as Required), and Existing Water Distribution System, per Plans and Specifications | 1 L.S. | \$ 30,000.00 | \$ 30,000.00 | \$ 130,000.00 | \$ 130,000.00 | \$ 58,623.00 | \$ 58,623.00 | \$ 76,000.00 | \$ 76,000.00 |
| 26. | 8" D.I.P., Valves, and Fittings Needed to Connect Existing Well Line to Proposed Ground Storage Tank, Including Plugs as Required, per Plans and Specifications | 1 L.S. | \$ 8,000.00 | \$ 8,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 20,844.00 | \$ 20,844.00 | \$ 8,000.00 | \$ 8,000.00 |
| 27. | Furnish Materials and Labor to Abrasive Blast and Recoat Existing MCC Building, per Plans and Specifications | 1 L.S. | \$ 5,350.00 | \$ 5,350.00 | \$ 6,000.00 | \$ 6,000.00 | \$ 3,248.00 | \$ 3,248.00 | \$ 18,000.00 | \$ 18,000.00 |

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|---|--|---------------------------|---|---------------|---|---------------|---|---------------|--|---------------|
| | | | Unit | Total | Unit | Total | Unit | Total | Unit | Total |
| 28. | 8" Wet Connection | 1 Ea | \$ 6,000.00 | \$ 6,000.00 | \$ 500.00 | \$ 500.00 | \$ 4,312.00 | \$ 4,312.00 | \$ 4,000.00 | \$ 4,000.00 |
| 29. | Demobilization | 1 L.S. | \$ 5,000.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 5,200.00 | \$ 5,200.00 | \$ 10,000.00 | \$ 10,000.00 |
| a. | Supplemental Items | | | | | | | | | |
| | Extra Structural Excavation | 10 C.Y. | \$ 30.00 | \$ 300.00 | \$ 10.00 | \$ 100.00 | \$ 5.00 | \$ 50.00 | \$ 20.00 | \$ 200.00 |
| b. | Extra Compacted Sand Fill | 10 C.Y. | \$ 20.00 | \$ 200.00 | \$ 20.00 | \$ 200.00 | \$ 14.00 | \$ 140.00 | \$ 30.00 | \$ 300.00 |
| c. | Extra Concrete | 10 C.Y. | \$ 140.00 | \$ 1,400.00 | \$ 300.00 | \$ 3,000.00 | \$ 250.00 | \$ 2,500.00 | \$ 500.00 | \$ 5,000.00 |
| d. | Extra Reinforcing Steel | 500 lbs. | \$ 1.00 | \$ 500.00 | \$ 1.00 | \$ 500.00 | \$ 0.45 | \$ 225.00 | \$ 1.00 | \$ 500.00 |
| e. | Extra Bank-Sand Bedding/Back-fill | 10 C.Y. | \$ 20.00 | \$ 200.00 | \$ 20.00 | \$ 200.00 | \$ 14.00 | \$ 140.00 | \$ 30.00 | \$ 300.00 |
| f. | Extra Cement-Stabilized Sand Bedding/Backfill | 10 C.Y. | \$ 40.00 | \$ 400.00 | \$ 40.00 | \$ 400.00 | \$ 22.00 | \$ 220.00 | \$ 40.00 | \$ 400.00 |
| Cash Allowances | | | | | | | | | | |
| 1. | Centerpoint Energy Conversion from 3-Wire to 4-Wire Service. Contractor will be Reimbursed for Actual Cost as Determined by Centerpoint Energy | 1 L.S. | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 | \$ 2,000.00 |
| Total Amount Base Bid (Item Nos. 1 thru 29) and Supplementary Items (Items a thru f) Including Cash Allowance | | | | \$ 672,000.00 | | \$ 728,780.00 | | \$ 788,342.00 | | \$ 859,000.00 |
| | | | Base Bid Item No. 5 Multiplication Error Amount Bid: \$5,550.00 Correct Amount: \$4,400.00 | | Qualified the Bid-Changed the Calendar Days to 280 Calendar Days | | Addition Error Total Amount Bid: \$788,342.00 | | Base Bid Item No. 5 Multiplication Error Amount Bid: \$8,800.00 Correct Amount: \$8,880.00 | |
| | | | Base Bid Item No. 6 Multiplication Error Amount Bid: \$8,250.00 Correct Amount: \$8,280.00 | | Base Bid Item No. 7 Multiplication Error Amount Bid: \$15,120.00 Correct Amount: \$16,120.00 | | Total Correct Amount Bid: \$788,342.00 | | Base Bid Item No. 8 Multiplication Error Amount Bid: \$7,000.00 Correct Amount: \$14,000.00 | |
| | | | Total Amount Bid Addition Error Amount Bid: \$670,000.00 Correct Amount: \$672,000.00 | | Base Bid Item No. 12 Multiplication Error Amount Bid: \$100.00 Correct Amount: \$200.00 | | | | Total Amount Bid Addition Error Amount Bid: \$857,000.00 Correct Amount: \$859,000.00 | |
| | | | | | Total Amount Bid Addition Error Amount Bid: \$728,180.00 Correct Amt: \$728,780.00 | | | | | |