

Langford Engineering, Inc.
Project No. 259-016, Contract No. 1

All Bidders 300 Days

		Alsly Houston, Texas		W W Payton Corporation Katy, Texas		Weisinger, Inc. Conroe, Texas		Layne Christensen Co. Houston, Texas		
		Unit	5% B.B. Total	Unit	5% B.B. Total	Unit	5% B.B. Total	Unit	5% B.B. Total	
1.	Mobilization and Demobilization of Equipment, Materials, and Personnel, Drill, Collect Drill Cuttings, and Perform Geophysical Logging of Test Hole with Total Depth of 1,450 Feet for Water Well No. 2, as Specified and Shown on the Plans	1 L.S.	\$ 400,000.00	\$ 400,000.00	\$ 410,000.00	\$ 410,000.00	\$ 376,390.00	\$ 376,390.00	\$ 310,000.00	\$ 310,000.00
2.	If Approved, Deduct for Allowing Contractor to Perform Test-Hole Drilling and Logging Operations 24-Hours a Day, 7-Days a Week, in Lieu of Work Days Only (Credit)	1 L.S.	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,700.00	\$ 3,700.00
3.	Mobilization and Demobilization of Equipment, Materials, and Personnel, Drill, Construct, and Equip 24" x 18" x 14" Gravel Wall Water Well, Complete with 1,000 GPM Pump, 670 Feet of 10" x 1-15/16" x 3" Pump Column Assembly, Fabricated Steel Discharge Head, 250 Hp Electric Motor, Plus Piping, Foundation, and All Required Appurtenances for Water Well No. 2, as Specified and Shown on the Plans	1 L.S.	\$ 736,000.00	\$ 736,000.00	\$ 840,302.00	\$ 840,302.00	\$ 1,034,400.00	\$ 1,034,400.00	\$ 1,077,650.00	\$ 1,077,650.00
4.	If Approved, Deduct for Allowing Testing Contractor to Perform Well Drilling and Logging Operations 24-Hours a Day, 7-Days a Week in Lieu of Work Days Only (Credit)	1 L.S.	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 13,100.00	\$ 13,100.00
5.	Temporary Acoustical Sound Blanket as Manufactured by Environmental Noise Control (STC-25) or Approved Equal as Shown and Described in the Contract Documents	1 L.S.	\$ 38,400.00	\$ 38,400.00	\$ 44,928.00	\$ 44,928.00	\$ 60,000.00	\$ 60,000.00	\$ 91,600.00	\$ 91,600.00
6.	Site Work, Including Earthen Swales as Specified and Shown in the Contract Documents	1 L.S.	\$ 6,500.00	\$ 6,500.00	\$ 5,000.00	\$ 5,000.00	\$ 6,800.00	\$ 6,800.00	\$ 7,000.00	\$ 7,000.00
7.	Hot-Mix, Hot-Laid Asphaltic Concrete Surfacing, Including Materials, Heating, Mixing, Hauling, Cleaning Base, Placing Mixture, Rolling, and Finishing, Manipulating, Labor, Tools, Equipment, Flexible Base Course, Subgrade, Tack Coat, Prime Coat, and Incidentals as Specified and Shown in the Contract Documents	429 S.Y.	\$ 60.00	\$ 25,740.00	\$ 50.00	\$ 21,450.00	\$ 64.00	\$ 27,456.00	\$ 63.00	\$ 27,027.00
8.	8" Well Collection Line/Yard Piping as Specified and Shown in the Contract Documents	55 L.F.	\$ 900.00	\$ 49,500.00	\$ 200.00	\$ 11,000.00	\$ 975.00	\$ 53,625.00	\$ 1,000.00	\$ 55,000.00

Langford Engineering, Inc.
Project No. 259-016, Contract No. 1

All Bidders 300 Days

		Alsay Houston, Texas		W W Payton Corporation Katy, Texas		Weisinger, Inc. Conroe, Texas		Layne Christensen Co. Houston, Texas		
		Unit	5% B.B. Total	Unit	5% B.B. Total	Unit	5% B.B. Total	Unit	5% B.B. Total	
9.	8" Concrete Seal Slab Replacement at Existing Water Well No. 1 as Shown and Specified in the Contract Documents	11 S.Y.	\$ 1,600.00	\$ 17,600.00	\$ 150.00	\$ 1,650.00	\$ 750.00	\$ 8,250.00	\$ 750.00	\$ 8,250.00
10.	Trench Safety as Specified in the Contract Documents	36 L.F.	\$ 5.00	\$ 180.00	\$ 5.00	\$ 180.00	\$ 4.00	\$ 144.00	\$ 4.00	\$ 144.00
11.	1" Asphalt Overlay, Including Materials, Heating, Mixing, Hauling, Placing Mixture, Rolling, Finishing, Manipulating, Labor, Tools, Equipment, Tack Coat, and Incidentals as Specified and Shown in the Contract Documents	187 S.Y.	\$ 25.00	\$ 4,675.00	\$ 30.00	\$ 5,610.00	\$ 25.00	\$ 4,675.00	\$ 25.00	\$ 4,675.00
12.	1 Traffic-Rated HDPE Drainage Pipe as Specified and Shown in the Contract Documents	20 L.F.	\$ 75.00	\$ 1,500.00	\$ 50.00	\$ 1,000.00	\$ 80.00	\$ 1,600.00	\$ 81.00	\$ 1,620.00
13.	PVC Drainage Pipe as Specified and Shown in the Contract Documents	172 L.F.	\$ 85.00	\$ 14,620.00	\$ 40.00	\$ 6,880.00	\$ 90.00	\$ 15,480.00	\$ 94.00	\$ 16,168.00
14.	Park Catch Basin, or Approved Equal as Specified and Shown in the Contract Documents	1 L.S.	\$ 1,100.00	\$ 1,100.00	\$ 1,000.00	\$ 1,000.00	\$ 1,180.00	\$ 1,180.00	\$ 1,000.00	\$ 1,000.00
15.	Type "A" Storm Inlet as Specified and Shown in the Contract Documents	3 Ea.	\$ 1,300.00	\$ 3,900.00	\$ 4,000.00	\$ 12,000.00	\$ 1,400.00	\$ 4,200.00	\$ 1,300.00	\$ 3,900.00
16.	Electrical Work Including New MCC for Well #2, Connection to Existing Plant Control Panel, Connection of Associated Auto Dialer Alarms, Underground Duct Banks, Motor, and Equipment Feeders, Electrical Panel and Equipment Identification, Site Grounding System Modifications, Field Instrumentation at Well Pump #2, and Yard Lighting and Well Pump #2 as Shown and Described in the Contract Documents	1 L.S.	\$ 94,300.00	\$ 94,300.00	\$ 120,000.00	\$ 120,000.00	\$ 109,735.00	\$ 109,735.00	\$ 110,000.00	\$ 110,000.00
Total Amount Base Bid (Item Nos. 1 through 16)				\$ 1,404,015.00		\$ 1,491,000.00		\$ 1,723,935.00		\$ 1,730,834.00

Langford Engineering, Inc.
Project No. 259-016, Contract No. 1

All Bidders 300 Days

	Well Supplementary Items		Alsly Houston, Texas		W W Payton Corporation Katy, Texas		Weisinger, Inc. Conroe, Texas		Layne Christensen Co. Houston, Texas	
			5% B.B.		5% B.B.		5% B.B.		5% B.B.	
			Unit	Total	Unit	Total	Unit	Total	Unit	Total
S-1	Add or Deduct per Foot of Test Hole Completed Depth, Above or Below Base Depth of 1,450 Feet	1 V.F.	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 50.00	\$ 50.00	\$ 15.00	\$ 15.00
S-2	Add Cost of Performing Test Hole Spectra Log	1 L.S.	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,100.00	\$ 2,100.00
S-3	Add Cost of Each Optional Test Hole Water Sampling and Testing Operation Using Temporary Test Well Method	1 Each	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 62,000.00	\$ 62,000.00
S-4	Add Per Lump Sum, Furnish and Install a 30-Sack Portland Cement Plug in Test Hole	1 L.S.	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
S-5	Add or Deduct Per Foot of 24" Surface Casing (0.500" Wall) Installed and Cemented in Place Above or Below Base Depth/Length of 780 Feet	1 Foot	\$ 85.00	\$ 85.00	\$ 85.00	\$ 85.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00
S-6	Add or Deduct per Foot of 18" Blank Liner (0.500" Wall), Above or Below Base Length 80 Feet	1 Foot	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 90.00	\$ 90.00	\$ 73.00	\$ 73.00
S-7	Add or Deduct per Foot of 14" Blank Liner (0.500" Wall), Above or Below Base Length of 215 Feet	1 Foot	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 70.00	\$ 70.00	\$ 100.00	\$ 100.00
S-8	Add or Deduct per Foot of 14" Screen (0.500" Wall), Above or Below Base Length of 185 Feet	1 Foot	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00
S-9	Deduct per Lump Sum to Decrease Surface Casing from 24" Diameter to 20" Diameter (0.500" Wall) Installed and Cemented in Place for Base Length of 780 Feet	-1 L.S.	\$ 10,000.00	\$ (10,000.00)	\$ 10,000.00	\$ (10,000.00)	\$ 25,000.00	\$ (25,000.00)	\$ 18,000.00	\$ (18,000.00)
S-10	Add or Deduct per Foot of 20" Surface Casing (0.500" Wall) Installed and Cemented in Place, Above or Below Base Length of 780 Feet	1 Foot	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 120.00	\$ 120.00	\$ 125.00	\$ 125.00
S-11	Add Per Lump Sum to Increase Blank Liner from 14" Diameter to 18" Diameter (0.500" Wall) for Base Length of 215 Feet	1 L.S.	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,000.00	\$ 7,000.00
S-12	Add Per Lump Sum to Increase Well Screen from 14" Diameter to 18" Diameter (0.500" Wall) for Base Length of 185 Feet	1 L.S.	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 36,000.00	\$ 36,000.00	\$ 11,000.00	\$ 11,000.00
S-13	Add or Deduct Per Foot of 18" Well Screen (0.500" Wall), Above or Below Base Length of 185'	1 Foot	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 230.00	\$ 230.00	\$ 240.00	\$ 240.00

Langford Engineering, Inc.
Project No. 259-016, Contract No. 1

All Bidders 300 Days

			Alsay Houston, Texas		W W Payton Corporation Katy, Texas		Weisinger, Inc. Conroe, Texas		Layne Christensen Co. Houston, Texas	
			Unit	5% B.B.	Unit	5% B.B.	Unit	5% B.B.	Unit	5% B.B.
S-14	Add or Deduct per Foot of 1.25" PVC Water-Level Pipe, Above or Below Base Length of 670'	1 Foot	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 2.00	\$ 2.00	\$ 1.00	\$ 1.00
S-15	Add or Deduct per Foot of 0.25" Stainless Steel Airline and all Fittings, Above or Below Base Length of 670'	1 Foot	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00
S-16	Add or Deduct per 20' Section of 10" x 1-15/16" x 3" Pump Discharge Column Pipe (0.365" Wall) Assembly, with Oil Tubing, Shafting, Coupling, and Bearings	1 Foot	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00	\$ 2,000.00	\$ 2,000.00
S-17	Add or Deduct per 10' Section of 10" x 1-15/16" x 3" Pump Discharge Column Pipe (0.365" Wall) Assembly, with Oil Tubing, Shafting, Coupling, and Bearings	1 Section	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 1,000.00	\$ 1,000.00	\$ 1,036.00	\$ 1,036.00
S-18	Add or Deduct per Stage of Cast Iron Pump Bowl, Above or Below the Number Shown on this Proposal	1 Stage	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,400.00	\$ 1,400.00	\$ 850.00	\$ 850.00
S-19	Add or Deduct per Stage of Ductile Iron Pump Bowl, Above or Below the Number Shown on this Proposal	1 Stage	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 2,100.00	\$ 2,100.00	\$ 1,025.00	\$ 1,025.00
S-20	Deduct per 50 HP or Pump motor Size Below the 250 HP Base Motor Size, Including all Necessary Electrical Equipment Changes and Labor	-1 50 HP	\$ 2,000.00	\$ (2,000.00)	\$ 2,000.00	\$ (2,000.00)	\$ 2,000.00	\$ (2,000.00)	\$ 7,000.00	\$ (7,000.00)
S-21	Add per Lump Sum, Plugging and Abandonment of Test Hole per TDLR and TCEQ Regulations and Specifications	1 L.S.	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
S-22	Add per Lump Sum, Plugging and Abandonment of Production Well per TDLR and TCEQ Regulations and Specifications	1 L.S.	\$ 5,000.00	\$ 5,000.00	\$ 548.00	\$ 548.00	\$ 45,000.00	\$ 45,000.00	\$ 35,000.00	\$ 35,000.00
S-23	Deduct per Linear Foot for Furnishing, Installing, and Removing a 16' Tall Plywood (1/2" Wall Thickness) Sound Barrier in Lieu of Acoustical Sound Blanket System	-1 L.F.	\$ 20.00	\$ (20.00)	\$ 184.00	\$ (184.00)	\$ 150.00	\$ (150.00)	\$ 115.00	\$ (115.00)
S-24	Non-Well Supplementary Items Extra Structural Excavation	5 C.Y.	\$ 10.00	\$ 50.00	\$ 20.00	\$ 100.00	\$ 6.00	\$ 30.00	\$ 10.00	\$ 50.00
S-25	Sheeting for Structural Excavation	25 S.F.	\$ 15.00	\$ 375.00	\$ 10.00	\$ 250.00	\$ 12.00	\$ 300.00	\$ 20.00	\$ 500.00
S-26	Extra Compacted Sand Fill	5 C.Y.	\$ 15.00	\$ 75.00	\$ 30.00	\$ 150.00	\$ 12.00	\$ 60.00	\$ 20.00	\$ 100.00

