

8/8/2024

Drew Huffman
Public Works Director
City of Tomball
501 James St.
Tomball, TX 77375

Baker Drive Water Plant

Dear Mr. Huffman:

Listed below is the summary of bids for the Baker Drive Water Plant Project. A total of one bid proposal was received on July 30th, 2024.

Summary of Bid:

	W.W. Payton Corporation	Engineer's Estimate
Base Bid	\$11,600,000.00	\$8,321,650.00
Allowances	\$75,000.00	\$75,000.00
Alternates	\$11,318,000.00	-
Base Bid Total	\$11,675,000.00	\$8,396,650.00

A copy of the bid tabulation is attached for your use and information.

Due to the limited participation in the bidding process for the project, Freese and Nichols recommends rejecting the bid proposal and re-advertising the project to solicit additional bidders.

Please call me at (713) 600-6866 if you have any questions.

Sincerely,

Freese and Nichols, Inc.



Nathan McMillan, P.E.
Project Manager

Attachments – Certified Bid Tabulation

Bid Tab - TMB23728 – Baker Drive Water Plant

Item	Description	Unit	Quantity		W. W. Payton Corporation	Total
Base Bid						
I: Base Bid Items						
1	MOBILIZATION	LS	1		\$ 600,000.00	\$ 600,000.00
2	SITE WORK INCLUDING DETENTION, STORM PIPING, AND RE-GRADING	LS	1		\$ 150,000.00	\$ 150,000.00
3	REMOVE AND REPLACE CHAIN-FENCE	LF	795		\$ 100.00	\$ 79,500.00
4	DEMOLITION	LS	1		\$ 200,000.00	\$ 200,000.00
5	CONCRETE PAVEMENT	SY	460		\$ 150.00	\$ 69,000.00
6	WELL DISCHARGE PIPING AND EXTERIOR WATER TREATMENT SYSTEM, INCLUDING, AERATOR, FILTERS, FOUNDATIONS, APPURTENANCES, AND PIPING	LS	1		\$ 2,500,000.00	\$ 2,500,000.00
7	0.5 MG PRESTRESSED TYPE III CONCRETE GROUND STORAGE TANK, INCLUDING FOUNDATION, PIPING, AND APPURTENANCES	EA	1		\$ 2,500,000.00	\$ 2,500,000.00
8	YARD PIPING, INCLUDING VALVES, APPURTENANCES, AND FITTINGS	LS	1		\$ 864,000.00	\$ 864,000.00
9	TRENCH SAFETY	LF	450		\$ 1.00	\$ 450.00
10	BOOSTER PUMP STATION, INCLUDING (3) 500 GPM HORIZONTAL SPLIT CASE PUMPS, PIPING, FOUNDATION, APPURTENANCES, FITTINGS, AND VALVES	LS	1		\$ 800,000.00	\$ 800,000.00
11	CMU CONCRETE BUILDING WITH BRICK VENEER INCLUDING HVAC, LOUVER, HEATER AND SUPPLY FAN FOR CHLORINE ROOM	LS	1		\$ 900,000.00	\$ 900,000.00
12	ELECTRICAL AND CONTROL COMPONENTS	LS	1		\$ 1,500,000.00	\$ 1,500,000.00
13	GENERATOR, INCLUDING CONCRETE PAD	LS	1		\$ 700,000.00	\$ 700,000.00
14	TREATMENT EQUIPMENT INCLUDING CHLORINATION AND CORROSION INHIBITOR	LS	1		\$ 150,000.00	\$ 150,000.00
15	WELL VIDEO SURVEY INSPECTION AND WRITTEN REPORT	EA	4		\$ 2,000.00	\$ 8,000.00
16	FURNISH, INSTALL AND REMOVE STEEL TANK AND TEMPORARY PIPING FOR WELL CONTRACTOR OPERATIONS AND DISCHARGES	LS	1		\$ 10,000.00	\$ 10,000.00
17	PERFORM MECHANICAL CLEANING OF THE WELL SCREENS	HR	20		\$ 420.00	\$ 8,400.00
18	PERFORM WELL CHEMICAL ACID TREATMENT OF THE WELL SCREENS WITH 70% HYDROXYACETIC ACID (550 GALLONS), CHEMICAL ENHANCER AND CORROSION INHIBITOR	LS	1		\$ 60,000.00	\$ 60,000.00
19	PERFORM AIRLIFT PUMPING AND AGITATION WITH DOUBLE DISK SURGE BLOCK AGITATOR, AND NEUTRALIZATION OF CHEMICALS FOLLOWING WELL CHEMICAL TREATMENT	HR	20		\$ 450.00	\$ 9,000.00
20	CUT AND REMOVE 60 FEET OF THE UPPER BLANK LINER (LAP) LINER	LS	1		\$ 120,000.00	\$ 120,000.00
21	JET / AIRLIFT PUMP AND REMOVE SEDIMENT FILL FROM THE WELL	HR	30		\$ 500.00	\$ 15,000.00
22	PERFORM CHLORINE DISINFECTION OF THE WELL AND WELL SCREENS	LS	1		\$ 7,000.00	\$ 7,000.00
23	FURNISH AND INSTALL NEW FABRICATED STEEL WELL DISCHARGE HEAD WITH MACHINED HOLES FOR PVC PIPE, AIRLINE AND ANY OTHER ACCESSORY, PLUS 4 LIFTING LUGS WITH CORRECTLY SIZED WELL DISCHARGE AND FLANGE TO CONNECT TO SEPARATE WELL DISCHARGE PIPING	LS	1		\$ 30,000.00	\$ 30,000.00
24	FURNISH AND INSTALL VERTICAL TURBINE, LINE SHAFT PUMP BOWL WITH DESIGN CONDITIONS OF 800 GPM AT 585 FEET TDH WITH COUPLING, STAINLESS STEEL COLLETS AND WEAR RINGS, SUCTION PIPE AND STAINLESS STEEL CONE STRAINER INCLUDING NON-WITNESS PUMP BOWL TESTING AND WRITTEN REPORT	LS	1		\$ 60,000.00	\$ 60,000.00

25	FURNISH AND INSTALL 20-FOOT SECTION OF NEW 8-INCH (0.322" WALL THICKNESS) COLUMN PIPE, 3-INCH OIL TUBING AND 1-15/16-INCH LINE SHAFT, BEARINGS, COUPLINGS AND RUBBER TUBE STABILIZER	EA	27		\$ 3,850.00	\$ 103,950.00
26	FURNISH AND INSTALL 10-FOOT SECTION OF NEW 8-INCH (0.322" WALL THICKNESS) COLUMN PIPE, 3-INCH OIL TUBING AND 1-15/16-INCH LINE SHAFT, BEARINGS, COUPLINGS AND RUBBER TUBE STABILIZER	EA	1		\$ 2,000.00	\$ 2,000.00
27	FURNISH AND INSTALL 10-FOOT SECTION OF NEW 8-INCH (0.322" WALL THICKNESS) TOP SPECIAL THREADED COLUMN PIPE, 3-INCH OIL TUBING AND 1-15/16-INCH LINE SHAFT, BEARINGS AND COUPLINGS	EA	1		\$ 3,000.00	\$ 3,000.00
28	FURNISH AND INSTALL NEW 1-15/16-INCH X 3-INCH TENSION BEARING, NUT AND PLATE ASSEMBLY	EA	1		\$ 3,000.00	\$ 3,000.00
29	FURNISH 1-1/4-INCH PVC PIPE (SCH. 80) AND INSTALL SECURELY TO THE PUMP COLUMN PIPE FROM THE WELL PUMP TO ABOVE LAND SURFACE WITH THREADED CAP	FT	565		\$ 3.40	\$ 1,921.00
30	FURNISH 1/4-INCH STAINLESS STEEL AIRLINE WITH PVC WRAP WITH ALL FITTING(S) AND AN OIL-FILLED PRESSURE GAUGE AND INSTALL SECURELY TO THE PUMP COLUMN PIPE FROM THE WELL PUMP TO ABOVE LAND SURFACE	FT	565		\$ 5.60	\$ 3,164.00
31	FURNISH AND INSTALL A NEW OIL LUBRICATOR WITH 3-GALLON CAPACITY RESERVOIR, IMMERSION HEATER AND THERMOSTAT, SOLENOID AND FLOW REGULATING VALVE	LS	1		\$ 6,000.00	\$ 6,000.00
32	FURNISH AND INSTALL NEW 250 HP, TEFC, 1,780 RPM, 460 VOLT, 3-PHASE, PREMIUM EFFICIENT ELECTRIC WELL MOTOR WITH COMBINATION MOTOR DRIVE SHAFT AND NEW HEAD SHAFT NUT AND GIB KEYS WITH ALL NECESSARY ELECTRICAL CONNECTIONS	LS	1		\$ 115,000.00	\$ 115,000.00
33	CHLORINATE AND DISINFECT THE WELL PUMP EQUIPMENT AND WELL AND PERFORM WATER SAMPLING AND BACTERIOLOGICAL ANALYSES (REQUIRE 3 NEGATIVE BACTERIOLOGICAL SAMPLES)	LS	1		\$ 2,000.00	\$ 2,000.00
34	PERFORM WELL, PUMP AND MOTOR EQUIPMENT PERFORMANCE TESTING WITH VIBRATION ANALYSES AND PROVIDE WRITTEN REPORT	LS	1		\$ 1,000.00	\$ 1,000.00
35	PERFORM 36-HOUR PUMPING TEST WITH THE PERMANENT WELL PUMPING EQUIPMENT INSTALLED AND PROVIDE WRITTEN REPORT	LS	1		\$ 8,615.00	\$ 8,615.00
36	COLLECT WATER SAMPLES AND HAVE LABORATORY PERFORM ANALYSES FOR COMPLETE TCEQ PUBLIC WATER SUPPLY ANALYSES AND OTHER CONSTITUENTS AND PROVIDE COMPLETE LAB ANALYSES	LS	1		\$ 10,000.00	\$ 10,000.00
Sub Totals						\$ 11,600,000.00
II: Allowances						
37	GAS AND ELECTRIC UTILITY COORDINATION AND INSTALLATION	LS	1		\$ 75,000.00	\$ 75,000.00
Sub Totals						\$ 75,000.00
III: Alternates						
38	DECORATIVE METAL FENCE IN LIEU OF CHAIN LINK FENCE	LF	1		\$ 120,000.00	\$ 120,000.00
39	AUTOMATIC SLIDE GATE IN LIEU OF MANUAL SLIDE GATE	LS	1		\$ 40,000.00	\$ 40,000.00
40	0.5 MG GALLON WELDED STEEL GROUND STORAGE TANK	LS	1		\$ 2,300,000.00	\$ 2,300,000.00
41	0.5 MG GLASS-FUSED-TO-STEEL GROUND STORAGE TANK	LS	1		\$ 1,900,000.00	\$ 1,900,000.00
42	0.4 MG GALLON PRESTRESSED TYPE III CONCRETE GROUND STORAGE TANK	LS	1		\$ 2,400,000.00	\$ 2,400,000.00
43	0.4 MG GALLON WELDED STEEL GROUND STORAGE TANK	LS	1		\$ 2,270,000.00	\$ 2,270,000.00
44	0.4 MG GLASS-FUSED-TO-STEEL GROUND STORAGE TANK	LS	1		\$ 1,870,000.00	\$ 1,870,000.00
45	REMOVAL OF THE BRICK VENEER AROUND THE CHEMICAL ROOMS ON THE ELECTRICAL AND CHEMICAL BUILDING	LS	1		\$ (40,000.00)	\$ (40,000.00)

46	PERFORM WELL CHEMICAL ACID TREATMENT OF THE WELL SCREENS WITH 15% HYDROCHLORIC ACID (550 GALLONS), CHEMICAL ENHANCER AND CORROSION INHIBITOR	LS	1		\$ 30,000.00	\$ 30,000.00
47	15% HYDROCHLORIC ACID, CHEMICAL ENHANCER AND CORROSION INHIBITOR FOR ACID VOLUME THAT IS MORE OR LESS THAN SPECIFIED IN BID ITEM I-09	GAL	50		\$ 90.00	\$ 4,500.00
48	70% HYDROXYACETIC ACID, CHEMICAL ENHANCER AND CORROSION INHIBITOR FOR ACID VOLUME THAT IS MORE OR LESS THAN SPECIFIED IN BID ITEM A-15	GAL	50		\$ 130.00	\$ 6,500.00
49	REFINISH THE TOP OR BASE OF THE EXISTING WELL PUMP FOUNDATION FOR INSTALLATION AND SEALING OF THE NEW WELL DISCHARGE HEAD	LS	1		\$ 2,000.00	\$ 2,000.00
50	FURNISH AND INSTALL VERTICAL TURBINE, LINE SHAFT PUMP BOWL WITH DESIGN CONDITIONS OF 700 GPM AT 585 FEET TDH WITH COUPLING, STAINLESS STEEL COLLETS AND WEAR RINGS, SUCTION PIPE AND STAINLESS STEEL CONE STRAINER THAT DOES NOT INCLUDE NON-WITNESS PUMP BOWL TESTING AND WRITTEN REPORT	LS	1		\$ 55,000.00	\$ 55,000.00
51	FURNISH AND INSTALL NEW 200 HP, TEFC, 1,780 RPM, 460 VOLT, 3-PHASE, PREMIUM EFFICIENT ELECTRIC WELL MOTOR WITH COMBINATION MOTOR DRIVE SHAFT AND NEW HEAD SHAFT NUT AND GIB KEYS WITH ALL NECESSARY ELECTRICAL CONNECTIONS	LS	1		\$ 110,000.00	\$ 110,000.00
52	FURNISH, INSTALL AND REMOVE A CONTRACTOR PROVIDED PORTABLE GENERATOR AND ALL EQUIPMENT TO POWER THE NEW WELL PUMP AND WELL MOTOR FOR FIELD TESTING AND/OR OWNER OPERATION	LS	1		\$ 15,000.00	\$ 15,000.00
53	RENTAL OF A CONTRACTOR PROVIDED PORTABLE GENERATOR AND ALL EQUIPMENT TO POWER THE NEW WELL PUMP AND WELL MOTOR FOR FIELD TESTING AND/OR OWNER OPERATION	WK	8		\$ 10,000.00	\$ 80,000.00
54	FURNISH, INSTALL AND REMOVE A CONTRACTOR PROVIDED PORTABLE ENGINE, RIGHT-ANGLE GEAR DRIVE, 200 HP OR 250 HP ELECTRIC MOTOR AND ALL EQUIPMENT TO POWER THE NEW WELL PUMP FOR FIELD TESTING AND/OR OWNER OPERATION	LS	1		\$ 75,000.00	\$ 75,000.00
55	RENTAL OF A CONTRACTOR PROVIDED PORTABLE ENGINE, RIGHT-ANGLE GEAR DRIVE, 200 HP OR 250 HP ELECTRIC MOTOR AND ALL EQUIPMENT TO POWER THE NEW WELL PUMP FOR FIELD TESTING AND/OR OWNER OPERATION	WK	8		\$ 10,000.00	\$ 80,000.00
Sub Total of Potential Alternates						\$ 11,318,000.00
Grand Total without Alternates						\$ 11,675,000.00