

BID TABULATION FOR:

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
JULY 19, 2022  
LJA ENGINEERING, INC.  
A. OTTO  
JULY 19, 2022  
1037-8009 (9.2)

BID OPENING DATE:  
BID OPENING LOCATION:  
TABULATION BY:  
TABULATION DATE:  
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1 ITEMS	BID INCLUDING ALTERNATE BID NO. 2 ITEMS
1) GILLELAND SMITH CONSTRUCTION, INC.	\$3,244,071.00	\$3,241,071.00	\$3,198,971.00
2) NUNN CONSTRUCTORS LTD	\$3,260,000.00	\$3,254,200.00	\$3,215,400.00
3) JTR CONSTRUCTORS, INC.	\$3,377,639.00 *	\$3,373,639.00 *	\$3,332,139.00 *
4) W.W. PAYTON CORPORATON	\$3,590,000.00	\$3,586,000.00	\$3,527,000.00
5) B-5 CONSTRUCTION CO. INC.	\$3,602,365.00	\$3,594,373.00	\$3,550,857.00
6) WHARTON-SMITH, INC.	\$3,784,305.00	\$3,780,305.00	\$3,728,305.00
7) PRINCIPAL PLANT SERVICES	\$3,877,027.00	\$3,869,783.00	\$3,819,977.00

CALENDAR DAYS 335/365



*Ashley Broughton*  
7/19/22

I, Ashley Broughton, PE, hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) GILLELAND SMITH CONSTRUCTION, INC.		2) NUNN CONSTRUCTORS LTD		3) JTR CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER PLANT BASE BID ITEMS</b>									
1	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$269,000.00	\$269,000.00	\$408,156.00	\$408,156.00	\$700,740.00	\$700,740.00
2	PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00	\$28,025.00	\$28,025.00	\$25,000.00	\$25,000.00
3	TRENCH SAFETY FOR YARD PIPING, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
4	8' CHAIN LINK FENCE , INCLUDING 18' DOUBLE SWING GATE, COMPLETE IN PLACE	LF	1355	\$40.00	\$54,200.00	\$46.00	\$62,330.00	\$35.00	\$47,425.00 *
5	INTERNAL V-BOTTOM DRAINAGE SWALE, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LF	1049	\$10.00	\$10,490.00	\$19.00	\$19,931.00	\$5.00	\$5,245.00
6	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	6	\$500.00	\$3,000.00	\$800.00	\$4,800.00	\$540.00	\$3,240.00
7	6" REINFORCED CONCRETE PAVEMENT WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, COMPLETE IN PLACE	SY	447	\$150.00	\$67,050.00	\$175.00	\$78,225.00	\$160.00	\$71,520.00
8	6" CRUSHED CONCRETE ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, INCLUDING GEOTEXILE, COMPLETE IN PLACE	SY	778	\$60.00	\$46,680.00	\$37.50	\$29,175.00	\$75.00	\$58,350.00
9	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SY	57	\$90.00	\$5,130.00	\$155.00	\$8,835.00	\$221.00	\$12,597.00 *
10	EMERGENCY EYEWASH/SHOWER AND WATER ACCESS ASSEMBLY, INCLUDING BACKFLOW PREVENTER, FIRE HYDRANT, HOSE BIB, AND APPURTENANCES, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$27,000.00	\$27,000.00	\$5,000.00	\$5,000.00
11	165,000 GALLON, 34'DX24'H POWDER COATED BOLTED STEEL GROUND STORAGE TANK, INCLUDING TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS, SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$275,000.00	\$275,000.00	\$336,350.00	\$336,350.00	\$227,000.00	\$227,000.00
12	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$500,000.00	\$500,000.00	\$319,300.00	\$319,300.00	\$208,000.00	\$208,000.00
13	20 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 57% AT 250 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$25,000.00	\$25,000.00
14	40HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 80% AT 800 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$18,000.00	\$36,000.00	\$17,150.00	\$34,300.00	\$50,000.00	\$100,000.00
15	CHLORINATION SYSTEM, INCLUDING TWO MANUAL PROPORTIONAL FLOW CONTROL CHLORINATOR ASSEMBLIES WITH MANIFOLDED TANKS, 1-INCH SCHEDULE 80 PVC PIPE CL2 FEED LINE AND WATER SUPPLY LINE, CHEMICAL INJECTION ASSEMBLY, AND ALL APPURTENANCES (AS SHOWN ON PLANS), COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00	\$31,150.00	\$31,150.00	\$31,000.00	\$31,000.00
16	10,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$100,000.00	\$100,000.00	\$105,900.00	\$105,900.00	\$89,000.00	\$89,000.00
17	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$3,150.00	\$3,150.00	\$1,000.00	\$1,000.00

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 1037-8009 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) GILLELAND SMITH CONSTRUCTION, INC.		2) NUNN CONSTRUCTORS LTD		3) JTR CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1421	\$1.00	\$1,421.00	\$3.00	\$4,263.00	\$2.00	\$2,842.00
19	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$300.00	\$300.00	\$3,350.00	\$3,350.00	\$1,000.00	\$1,000.00
20	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00	\$1,000.00	\$1,000.00
21	ALLOWANCE FOR ELECTRIC SERVICE PROVIDER. EXACT AMOUNT WILL BE REIMBURSED TO CONTRACTOR UPON SUBMITTAL OF INVOICE FROM ELECTRIC SERVICE PROVIDER, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
22	DRILL ONE PILOT TEST HOLE TO 1,250 FEET, INCLUDING WELL LOGGING AND SAND SAMPLING AND ANALYSIS, COMPLETE IN PLACE	EA	1	\$220,000.00	\$220,000.00	\$216,000.00	\$216,000.00	\$200,000.00	\$200,000.00
23	INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$3,250.00	\$3,250.00	\$3,000.00	\$3,000.00
24	TEMPORARY TEST WELL INSTALLATION PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$27,500.00	\$82,500.00	\$28,620.00	\$85,860.00	\$26,500.00	\$79,500.00
25	NEW 800A 480V SERVICE WITH ALL CONDUIT, WIRE, METERING PER UTILITY STANDARDS, COMPLETE IN PLACE	LS	1	\$45,000.00	\$45,000.00	\$40,000.00	\$40,000.00	\$36,000.00	\$36,000.00
26	NEW 800A MCC WITH ALL STARTERS AND CONTROLS, COMPLETE IN PLACE	LS	1	\$165,000.00	\$165,000.00	\$92,000.00	\$92,000.00	\$110,000.00	\$110,000.00
27	400 KW DIESEL GENERATOR WITH SUBBASE FUEL TANK, ACCESS PLATFORM AND CONDUIT, CABLE AND DUCT BANK FROM ATS TO GENERATOR, COMPLETE IN PLACE	LS	1	\$235,000.00	\$235,000.00	\$213,150.00	\$213,150.00	\$200,000.00	\$200,000.00
28	ALL CONDUIT, CABLE AND DUCT BANKS FROM MCC/ AUTO SENSORY TO ALL MOTORS PUMPS, CONTROLS AND MISC AS REQUIRED, COMPLETE IN PLACE	LS	1	\$230,000.00	\$230,000.00	\$252,750.00	\$252,750.00	\$370,000.00	\$370,000.00
<b>WATER PLANT BASE BID ITEMS SUBTOTAL:</b>					<b>\$2,461,771.00</b>		<b>\$2,446,650.00</b>		<b>\$2,634,959.00 *</b>
<b>WATER WELL BASE BID ITEMS</b>									
1	DRILL AND CONSTRUCT 14"x8" WATER WELL INCLUDING FOUNDATION, CONDUCTOR PIPE, SURFACE CASING, NON-PERFORATED PRODUCTION CASING, CEMENT SEAL, PERFORATED PRODUCTION CASING (SCREEN), UNDER REAM, GRAVEL FILTER PACK AND APPURTENANCES, WELL DEVELOPMENT, PUMPING TESTS, AND WATER SAMPLING AND ANALYSIS, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LS	1	\$630,000.00	\$630,000.00	\$642,000.00	\$642,000.00	\$573,000.00	\$573,000.00
2	EQUIP WATER WELL WITH 60 HP ELECTRIC MOTOR, 400 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, 400 FEET OF WELL PUMP COLUMN PIPE ASSEMBLY (6" X 2 1/2" X 1 1/2" COLUMN PIPE, OIL TUBING, LINE SHAFT), WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, ALL ELECTRICAL COMPONENTS REQUIRED FOR WELL OPERATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$135,000.00	\$135,000.00	\$150,000.00	\$150,000.00	\$124,500.00	\$124,500.00
3	ADD OR DEDUCT FOR CHANGES TO 525 FEET TOTAL LENGTH, 14" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
4	ADD OR DEDUCT FOR CHANGES TO 115 FEET TOTAL LENGTH 8" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$50.00	\$500.00	\$50.00	\$500.00	\$50.00	\$500.00
5	ADD OR DEDUCT FOR CHANGES TO 80 FEET TOTAL LENGTH 8" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) GILLELAND SMITH CONSTRUCTION, INC.		2) NUNN CONSTRUCTORS LTD		3) JTR CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20 FEET SECTION OF COMPLETE 6" X 2 1/2" X 1 1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
<b>WATER WELL BASE BID ITEMS SUBTOTAL:</b>					<b>\$773,000.00</b>		<b>\$800,000.00</b>		<b>\$705,500.00</b>
<b>MISCELLANEOUS ITEMS</b>									
1	EXTRA CEMENT STABILIZED SAND (MIX AS RECOMMENDED BY GEOTECH), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$30.00	\$300.00	\$50.00	\$500.00	\$40.00	\$400.00
2	DEWATERING FOR STRUCTURES, AS REQUIRED BY SOIL CONDITIONS (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00
3	DEWATERING OF LINE WORK, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$10.00	\$1,000.00	\$40.00	\$4,000.00	\$50.00	\$5,000.00
4	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$50.00	\$500.00	\$75.00	\$750.00	\$68.00	\$680.00
5	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	10	\$300.00	\$3,000.00	\$250.00	\$2,500.00	\$350.00	\$3,500.00
6	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00
7	CONTROL OF SURFACE WATER FOR DURATION OF CONTRACT, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$10,000.00	\$10,000.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$9,300.00</b>		<b>\$13,350.00</b>		<b>\$37,180.00</b>
<b>ALTERNATE BID NO. 1 ITEMS</b>									
1	165,000 GALLON 34'DX24'H BOLTED; GALVANIZED GROUND STORAGE TANK, INCLUDING PAINTING, TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE [TO BE USED IN LIEU OF WATER PLANT BASE BID ITEM #11]	LS	1	\$272,000.00	\$272,000.00	\$330,550.00	\$330,550.00	\$223,000.00	\$223,000.00
<b>ALTERNATE BID NO. 1 ITEMS SUBTOTAL:</b>					<b>\$272,000.00</b>		<b>\$330,550.00</b>		<b>\$223,000.00</b>
<b>ALTERNATE BID NO. 2 ITEMS</b>									
1	DRILL AND CONSTRUCT 400 GPM WATER WELL (12"X6") INCLUDING FOUNDATION, CONDUCTOR PIPE, SURFACE CASING, PRODUCTION CASING, CEMENT SEAL, PERFORATED PRODUCTIONS (SCREEN), UNDER REAM, GRAVEL FILTER PACK AND APPURTENANCES, WELL DEVELOPMENT, PUMPING TESTS, AND WATER SAMPLING AND ANALYSIS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 1, COMPLETE IN PLACE	LS	1	\$540,000.00	\$540,000.00	\$560,000.00	\$560,000.00	\$490,000.00	\$490,000.00
2	EQUIP WATER WELL WITH 100 HP, 400 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, WELL LINE SHAFT, WELL PUMP COLUMN ASSEMBLY, AIRLINE ASSEMBLY, ALL ELECTRICAL COMPONENTS REQUIRED FOR WELL OPERATION, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 2, COMPLETE IN PLACE	LS	1	\$150,000.00	\$150,000.00	\$160,000.00	\$160,000.00	\$134,600.00	\$134,600.00
3	ADD OR DEDUCT FOR CHANGES TO 525 FEET DEPTHS, 12" CONDUCTOR PIPE WITH 18" REAMED HOLE DIAMETER, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 3, COMPLETE IN PLACE	LF	10	\$125.00	\$1,250.00	\$125.00	\$1,250.00	\$125.00	\$1,250.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	ADD OR DEDUCT FOR CHANGES TO 115 FEET TOTAL LENGTH 6" NON-PERFORATED PRODUCTION CASING, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 4, COMPLETE IN PLACE	LF	10	\$40.00	\$400.00	\$40.00	\$400.00	\$40.00	\$400.00
5	ADD OR DEDUCT FOR CHANGES TO 80 FEET TOTAL LENGTH 6" PERFORATED PRODUCTION CASING (SCREEN), TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 5, COMPLETE IN PLACE	LF	10	\$175.00	\$1,750.00	\$175.00	\$1,750.00	\$175.00	\$1,750.00
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET DEPTHS OF PUMP SETTING BY ONE 20 FEET SECTION OF WELL PUMP COLUMN, AIRLINE ASSEMBLY, CABLE, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 6, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 7, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
8	ADD FOR A SUBSTITUTE 400 FEET OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY (COLUMN PIPE, OIL TUBING, LINE SHAFT), WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$27,500.00	\$27,500.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
9	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20-FOOT SECTION OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIR LINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
<b>ALTERNATE BID NO. 2 ITEMS SUBTOTAL:</b>					<b>\$727,900.00</b>		<b>\$755,400.00</b>		<b>\$660,000.00</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL WATER PLANT BASE BID ITEMS					\$2,461,771.00		\$2,446,650.00		\$2,634,959.00 *
SUBTOTAL WATER WELL BASE BID ITEMS					\$773,000.00		\$800,000.00		\$705,500.00
SUBTOTAL MISCELLANEOUS ITEMS					\$9,300.00		\$13,350.00		\$37,180.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$3,244,071.00</b>		<b>\$3,260,000.00</b>		<b>\$3,377,639.00 *</b>
<b><u>ALTERNATE BID NO. 1 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$3,244,071.00		\$3,260,000.00		\$3,377,639.00 *
DEDUCT WATER PLANT BASE BID ITEMS ITEM NO.11					-\$275,000.00		-\$336,350.00		-\$227,000.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS					\$272,000.00		\$330,550.00		\$223,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 ITEMS</b>					<b>\$3,241,071.00</b>		<b>\$3,254,200.00</b>		<b>\$3,373,639.00 *</b>
<b><u>ALTERNATE BID NO. 2 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$3,244,071.00		\$3,260,000.00		\$3,377,639.00 *
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.1					-\$630,000.00		-\$642,000.00		-\$573,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.2					-\$135,000.00		-\$150,000.00		-\$124,500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.3					-\$1,500.00		-\$1,500.00		-\$1,500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.4					-\$500.00		-\$500.00		-\$500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.5					-\$2,000.00		-\$2,000.00		-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.6					-\$2,000.00		-\$2,000.00		-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.7					-\$2,000.00		-\$2,000.00		-\$2,000.00
SUBTOTAL ALTERNATE BID NO. 2 ITEMS					\$727,900.00		\$755,400.00		\$660,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS</b>					<b>\$3,198,971.00</b>		<b>\$3,215,400.00</b>		<b>\$3,332,139.00 *</b>

**BID TABULATION FOR:**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	4) W.W. PAYTON CORPORATON		5) B-5 CONSTRUCTION CO. INC.		6) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER PLANT BASE BID ITEMS</b>									
1	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$545,000.00	\$545,000.00	\$520,538.00	\$520,538.00	\$323,000.00	\$323,000.00
2	PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$36,800.00	\$36,800.00	\$31,000.00	\$31,000.00
3	TRENCH SAFETY FOR YARD PIPING, COMPLETE IN PLACE	LS	1	\$250.00	\$250.00	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00
4	8' CHAIN LINK FENCE , INCLUDING 18' DOUBLE SWING GATE, COMPLETE IN PLACE	LF	1355	\$45.00	\$60,975.00	\$47.00	\$63,685.00	\$14.00	\$18,970.00
5	INTERNAL V-BOTTOM DRAINAGE SWALE, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LF	1049	\$3.00	\$3,147.00	\$9.00	\$9,441.00	\$19.00	\$19,931.00
6	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	6	\$500.00	\$3,000.00	\$1,595.00	\$9,570.00	\$2,060.00	\$12,360.00
7	6" REINFORCED CONCRETE PAVEMENT WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, COMPLETE IN PLACE	SY	447	\$125.00	\$55,875.00	\$170.00	\$75,990.00	\$270.00	\$120,690.00
8	6" CRUSHED CONCRETE ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, INCLUDING GEOTEXILE, COMPLETE IN PLACE	SY	778	\$75.00	\$58,350.00	\$61.50	\$47,847.00	\$77.00	\$59,906.00
9	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SY	57	\$100.00	\$5,700.00	\$270.00	\$15,390.00	\$255.00	\$14,535.00
10	EMERGENCY EYEWASH/SHOWER AND WATER ACCESS ASSEMBLY, INCLUDING BACKFLOW PREVENTER, FIRE HYDRANT, HOSE BIB, AND APPURTENANCES, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$3,163.00	\$3,163.00	\$32,500.00	\$32,500.00
11	165,000 GALLON, 34'DX24'H POWDER COATED BOLTED STEEL GROUND STORAGE TANK, INCLUDING TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS, SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$300,000.00	\$300,000.00	\$270,562.00	\$270,562.00	\$338,000.00	\$338,000.00
12	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$347,832.00	\$347,832.00	\$378,585.00	\$378,585.00	\$592,000.00	\$592,000.00
13	20 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 57% AT 250 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$13,225.00	\$13,225.00	\$29,000.00	\$29,000.00
14	40HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 80% AT 800 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$20,000.00	\$40,000.00	\$86,965.00	\$173,930.00	\$26,100.00	\$52,200.00
15	CHLORINATION SYSTEM, INCLUDING TWO MANUAL PROPORTIONAL FLOW CONTROL CHLORINATOR ASSEMBLIES WITH MANIFOLDED TANKS, 1-INCH SCHEDULE 80 PVC PIPE CL2 FEED LINE AND WATER SUPPLY LINE, CHEMICAL INJECTION ASSEMBLY, AND ALL APPURTENANCES (AS SHOWN ON PLANS), COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00	\$31,510.00	\$31,510.00	\$40,500.00	\$40,500.00
16	10,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$125,000.00	\$125,000.00	\$119,646.00	\$119,646.00	\$147,000.00	\$147,000.00
17	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$250.00	\$250.00	\$6,958.00	\$6,958.00	\$3,500.00	\$3,500.00



**BID TABULATION FOR:**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	4) W.W. PAYTON CORPORATON		5) B-5 CONSTRUCTION CO. INC.		6) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20 FEET SECTION OF COMPLETE 6" X 2 1/2" X 1 1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$3,000.00	\$3,000.00
<b>WATER WELL BASE BID ITEMS SUBTOTAL:</b>					<b>\$893,000.00</b>		<b>\$790,000.00</b>		<b>\$862,000.00</b>
<b>MISCELLANEOUS ITEMS</b>									
1	EXTRA CEMENT STABILIZED SAND (MIX AS RECOMMENDED BY GEOTECH), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$40.00	\$400.00	\$50.00	\$500.00	\$45.00	\$450.00
2	DEWATERING FOR STRUCTURES, AS REQUIRED BY SOIL CONDITIONS (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$1,500.00	\$1,500.00	\$1,900.00	\$1,900.00
3	DEWATERING OF LINE WORK, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$35.00	\$3,500.00	\$35.00	\$3,500.00
4	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$50.00	\$500.00	\$50.00	\$500.00	\$50.00	\$500.00
5	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	10	\$400.00	\$4,000.00	\$650.00	\$6,500.00	\$500.00	\$5,000.00
6	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$3,000.00	\$3,000.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
7	CONTROL OF SURFACE WATER FOR DURATION OF CONTRACT, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$650.00	\$650.00	\$1,900.00	\$1,900.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$1,400.00	\$1,400.00	\$2,500.00	\$2,500.00	\$9,800.00	\$9,800.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$12,000.00</b>		<b>\$17,450.00</b>		<b>\$25,550.00</b>
<b>ALTERNATE BID NO. 1 ITEMS</b>									
1	165,000 GALLON 34"DX24'H BOLTED; GALVANIZED GROUND STORAGE TANK, INCLUDING PAINTING, TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE [TO BE USED IN LIEU OF WATER PLANT BASE BID ITEM #11]	LS	1	\$296,000.00	\$296,000.00	\$262,570.00	\$262,570.00	\$334,000.00	\$334,000.00
<b>ALTERNATE BID NO. 1 ITEMS SUBTOTAL:</b>					<b>\$296,000.00</b>		<b>\$262,570.00</b>		<b>\$334,000.00</b>
<b>ALTERNATE BID NO. 2 ITEMS</b>									
1	DRILL AND CONSTRUCT 400 GPM WATER WELL (12"x6") INCLUDING FOUNDATION, CONDUCTOR PIPE, SURFACE CASING, PRODUCTION CASING, CEMENT SEAL, PERFORATED PRODUCTIONS (SCREEN), UNDER REAM, GRAVEL FILTER PACK AND APPURTENANCES, WELL DEVELOPMENT, PUMPING TESTS, AND WATER SAMPLING AND ANALYSIS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 1, COMPLETE IN PLACE	LS	1	\$620,000.00	\$620,000.00	\$548,800.00	\$548,800.00	\$580,000.00	\$580,000.00
2	EQUIP WATER WELL WITH 100 HP, 400 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, WELL LINE SHAFT, WELL PUMP COLUMN ASSEMBLY, AIRLINE ASSEMBLY, ALL ELECTRICAL COMPONENTS REQUIRED FOR WELL OPERATION, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 2, COMPLETE IN PLACE	LS	1	\$169,600.00	\$169,600.00	\$150,752.00	\$150,752.00	\$160,000.00	\$160,000.00
3	ADD OR DEDUCT FOR CHANGES TO 525 FEET DEPTHS, 12" CONDUCTOR PIPE WITH 18" REAMED HOLE DIAMETER, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 3, COMPLETE IN PLACE	LF	10	\$125.00	\$1,250.00	\$137.50	\$1,375.00	\$1,250.00	\$12,500.00



**BID TABULATION FOR:**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	4) W.W. PAYTON CORPORATON		5) B-5 CONSTRUCTION CO. INC.		6) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	ADD OR DEDUCT FOR CHANGES TO 115 FEET TOTAL LENGTH 6" NON-PERFORATED PRODUCTION CASING, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 4, COMPLETE IN PLACE	LF	10	\$40.00	\$400.00	\$44.00	\$440.00	\$400.00	\$4,000.00
5	ADD OR DEDUCT FOR CHANGES TO 80 FEET TOTAL LENGTH 6" PERFORATED PRODUCTION CASING (SCREEN), TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 5, COMPLETE IN PLACE	LF	10	\$175.00	\$1,750.00	\$192.50	\$1,925.00	\$1,750.00	\$17,500.00
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET DEPTHS OF PUMP SETTING BY ONE 20 FEET SECTION OF WELL PUMP COLUMN, AIRLINE ASSEMBLY, CABLE, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 6, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 7, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,000.00	\$2,000.00
8	ADD FOR A SUBSTITUTE 400 FEET OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY (COLUMN PIPE, OIL TUBING, LINE SHAFT), WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00	\$27,500.00	\$27,500.00	\$25,000.00	\$25,000.00
9	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20-FOOT SECTION OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIR LINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00

**ALTERNATE BID NO. 2 ITEMS SUBTOTAL:** **\$830,000.00** **\$738,492.00** **\$806,000.00**

**BIDDING SUMMARY**

SUBTOTAL WATER PLANT BASE BID ITEMS	\$2,685,000.00	\$2,794,915.00	\$2,896,755.00
SUBTOTAL WATER WELL BASE BID ITEMS	\$893,000.00	\$790,000.00	\$862,000.00
SUBTOTAL MISCELLANEOUS ITEMS	\$12,000.00	\$17,450.00	\$25,550.00
<b>TOTAL AMOUNT BASE BID</b>	<b>\$3,590,000.00</b>	<b>\$3,602,365.00</b>	<b>\$3,784,305.00</b>

**ALTERNATE BID NO. 1 ITEMS**

TOTAL AMOUNT BASE BID	\$3,590,000.00	\$3,602,365.00	\$3,784,305.00
DEDUCT WATER PLANT BASE BID ITEMS ITEM NO.11	-\$300,000.00	-\$270,562.00	-\$338,000.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS	\$296,000.00	\$262,570.00	\$334,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 ITEMS</b>	<b>\$3,586,000.00</b>	<b>\$3,594,373.00</b>	<b>\$3,780,305.00</b>

**ALTERNATE BID NO. 2 ITEMS**

TOTAL AMOUNT BASE BID	\$3,590,000.00	\$3,602,365.00	\$3,784,305.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.1	-\$725,000.00	-\$641,760.00	-\$680,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.2	-\$160,000.00	-\$139,440.00	-\$173,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.3	-\$1,500.00	-\$1,650.00	-\$1,500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.4	-\$500.00	-\$550.00	-\$500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.5	-\$2,000.00	-\$2,200.00	-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.6	-\$2,000.00	-\$2,200.00	-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.7	-\$2,000.00	-\$2,200.00	-\$3,000.00
SUBTOTAL ALTERNATE BID NO. 2 ITEMS	\$830,000.00	\$738,492.00	\$806,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS</b>	<b>\$3,527,000.00</b>	<b>\$3,550,857.00</b>	<b>\$3,728,305.00</b>

**BID TABULATION FOR:**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

7) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER PLANT BASE BID ITEMS</b>					
1	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$468,785.00	\$468,785.00
2	PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$31,659.00	\$31,659.00
3	TRENCH SAFETY FOR YARD PIPING, COMPLETE IN PLACE	LS	1	\$122.00	\$122.00
4	8' CHAIN LINK FENCE , INCLUDING 18' DOUBLE SWING GATE, COMPLETE IN PLACE	LF	1355	\$62.00	\$84,010.00
5	INTERNAL V-BOTTOM DRAINAGE SWALE, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LF	1049	\$17.00	\$17,833.00
6	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	6	\$986.00	\$5,916.00
7	6" REINFORCED CONCRETE PAVEMENT WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, COMPLETE IN PLACE	SY	447	\$147.00	\$65,709.00
8	6" CRUSHED CONCRETE ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, INCLUDING GEOTEXILE, COMPLETE IN PLACE	SY	778	\$55.00	\$42,790.00
9	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SY	57	\$270.00	\$15,390.00
10	EMERGENCY EYEWASH/SHOWER AND WATER ACCESS ASSEMBLY, INCLUDING BACKFLOW PREVENTER, FIRE HYDRANT, HOSE BIB, AND APPURTENANCES, COMPLETE IN PLACE	LS	1	\$27,633.00	\$27,633.00
11	165,000 GALLON, 34'DX24'H POWDER COATED BOLTED STEEL GROUND STORAGE TANK, INCLUDING TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS, SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$495,000.00	\$495,000.00
12	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$516,670.00	\$516,670.00
13	20 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 57% AT 250 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$18,150.00	\$18,150.00
14	40HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 80% AT 800 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$22,500.00	\$45,000.00
15	CHLORINATION SYSTEM, INCLUDING TWO MANUAL PROPORTIONAL FLOW CONTROL CHLORINATOR ASSEMBLIES WITH MANIFOLDED TANKS, 1-INCH SCHEDULE 80 PVC PIPE CL2 FEED LINE AND WATER SUPPLY LINE, CHEMICAL INJECTION ASSEMBLY, AND ALL APPURTENANCES (AS SHOWN ON PLANS), COMPLETE IN PLACE	LS	1	\$32,940.00	\$32,940.00
16	10,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$196,298.00	\$196,298.00
17	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$7,930.00	\$7,930.00

**BID TABULATION FOR:**

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 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

7) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
18	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1421	\$5.00	\$7,105.00
19	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$4,270.00	\$4,270.00
20	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$3,050.00	\$3,050.00
21	ALLOWANCE FOR ELECTRIC SERVICE PROVIDER. EXACT AMOUNT WILL BE REIMBURSED TO CONTRACTOR UPON SUBMITTAL OF INVOICE FROM ELECTRIC SERVICE PROVIDER, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00
22	DRILL ONE PILOT TEST HOLE TO 1,250 FEET, INCLUDING WELL LOGGING AND SAND SAMPLING AND ANALYSIS, COMPLETE IN PLACE	EA	1	\$220,000.00	\$220,000.00
23	INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00
24	TEMPORARY TEST WELL INSTALLATION PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$29,150.00	\$87,450.00
25	NEW 800A 480V SERVICE WITH ALL CONDUIT, WIRE, METERING PER UTILITY STANDARDS, COMPLETE IN PLACE	LS	1	\$48,800.00	\$48,800.00
26	NEW 800A MCC WITH ALL STARTERS AND CONTROLS, COMPLETE IN PLACE	LS	1	\$160,000.00	\$160,000.00
27	400 KW DIESEL GENERATOR WITH SUBBASE FUEL TANK, ACCESS PLATFORM AND CONDUIT, CABLE AND DUCT BANK FROM ATS TO GENERATOR, COMPLETE IN PLACE	LS	1	\$226,737.00	\$226,737.00
28	ALL CONDUIT, CABLE AND DUCT BANKS FROM MCC/ AUTO SENSORY TO ALL MOTORS PUMPS, CONTROLS AND MISC AS REQUIRED, COMPLETE IN PLACE	LS	1	\$232,000.00	\$232,000.00

**WATER PLANT BASE BID ITEMS SUBTOTAL:****\$3,084,747.00****WATER WELL BASE BID ITEMS**

1	DRILL AND CONSTRUCT 14"x8" WATER WELL INCLUDING FOUNDATION, CONDUCTOR PIPE, SURFACE CASING, NON-PERFORATED PRODUCTION CASING, CEMENT SEAL, PERFORATED PRODUCTION CASING (SCREEN), UNDER REAM, GRAVEL FILTER PACK AND APPURTENANCES, WELL DEVELOPMENT, PUMPING TESTS, AND WATER SAMPLING AND ANALYSIS, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LS	1	\$630,300.00	\$630,300.00
2	EQUIP WATER WELL WITH 60 HP ELECTRIC MOTOR, 400 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, 400 FEET OF WELL PUMP COLUMN PIPE ASSEMBLY (6" X 2 1/2" X 1 1/2" COLUMN PIPE, OIL TUBING, LINE SHAFT), WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, ALL ELECTRICAL COMPONENTS REQUIRED FOR WELL OPERATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$136,950.00	\$136,950.00
3	ADD OR DEDUCT FOR CHANGES TO 525 FEET TOTAL LENGTH, 14" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$150.00	\$1,500.00
4	ADD OR DEDUCT FOR CHANGES TO 115 FEET TOTAL LENGTH 8" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$50.00	\$500.00
5	ADD OR DEDUCT FOR CHANGES TO 80 FEET TOTAL LENGTH 8" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$200.00	\$2,000.00

**BID TABULATION FOR:**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 JULY 19, 2022  
 LJA ENGINEERING, INC.  
 A. OTTO  
 JULY 19, 2022  
 1037-8009 (9.2)

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

7) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20 FEET SECTION OF COMPLETE 6" X 2 1/2" X 1 1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00

**WATER WELL BASE BID ITEMS SUBTOTAL: \$775,250.00**

**MISCELLANEOUS ITEMS**

1	EXTRA CEMENT STABILIZED SAND (MIX AS RECOMMENDED BY GEOTECH), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$38.00	\$380.00
2	DEWATERING FOR STRUCTURES, AS REQUIRED BY SOIL CONDITIONS (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00
3	DEWATERING OF LINE WORK, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$30.00	\$3,000.00
4	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$50.00	\$500.00
5	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	10	\$300.00	\$3,000.00
6	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00
7	CONTROL OF SURFACE WATER FOR DURATION OF CONTRACT, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$150.00	\$150.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$8,000.00	\$8,000.00

**MISCELLANEOUS ITEMS SUBTOTAL: \$17,030.00**

**ALTERNATE BID NO. 1 ITEMS**

1	165,000 GALLON 34"DX24'H BOLTED; GALVANIZED GROUND STORAGE TANK, INCLUDING PAINTING, TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS SPLASH PAD, AND ALL APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE [TO BE USED IN LIEU OF WATER PLANT BASE BID ITEM #11]	LS	1	\$487,756.00	\$487,756.00
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**ALTERNATE BID NO. 1 ITEMS SUBTOTAL: \$487,756.00**

**ALTERNATE BID NO. 2 ITEMS**

1	DRILL AND CONSTRUCT 400 GPM WATER WELL (12"X6") INCLUDING FOUNDATION, CONDUCTOR PIPE, SURFACE CASING, PRODUCTION CASING, CEMENT SEAL, PERFORATED PRODUCTIONS (SCREEN), UNDER REAM, GRAVEL FILTER PACK AND APPURTENANCES, WELL DEVELOPMENT, PUMPING TESTS, AND WATER SAMPLING AND ANALYSIS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 1, COMPLETE IN PLACE	LS	1	\$597,800.00	\$597,800.00
2	EQUIP WATER WELL WITH 100 HP, 400 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, WELL LINE SHAFT, WELL PUMP COLUMN ASSEMBLY, AIRLINE ASSEMBLY, ALL ELECTRICAL COMPONENTS REQUIRED FOR WELL OPERATION, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 2, COMPLETE IN PLACE	LS	1	\$185,000.00	\$185,000.00
3	ADD OR DEDUCT FOR CHANGES TO 525 FEET DEPTHS, 12" CONDUCTOR PIPE WITH 18" REAMED HOLE DIAMETER, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 3, COMPLETE IN PLACE	LF	10	\$125.00	\$1,250.00

**BID TABULATION FOR:**

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF WATER SUPPLY PLANT - PHASE 1  
TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 506  
CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
JULY 19, 2022  
LJA ENGINEERING, INC.  
A. OTTO  
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1037-8009 (9.2)

7) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4	ADD OR DEDUCT FOR CHANGES TO 115 FEET TOTAL LENGTH 6" NON-PERFORATED PRODUCTION CASING, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 4, COMPLETE IN PLACE	LF	10	\$40.00	\$400.00
5	ADD OR DEDUCT FOR CHANGES TO 80 FEET TOTAL LENGTH 6" PERFORATED PRODUCTION CASING (SCREEN), TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 5, COMPLETE IN PLACE	LF	10	\$175.00	\$1,750.00
6	ADD OR DEDUCT FOR CHANGES TO 400 FEET DEPTHS OF PUMP SETTING BY ONE 20 FEET SECTION OF WELL PUMP COLUMN, AIRLINE ASSEMBLY, CABLE, AND ALL APPURTENANCES, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 6, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 25 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 7, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
8	ADD FOR A SUBSTITUTE 400 FEET OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY (COLUMN PIPE, OIL TUBING, LINE SHAFT), WATER LEVEL ACCESS TUBE, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00
9	ADD OR DEDUCT FOR CHANGES TO 400 FEET LENGTH OF PUMP SETTING BY ONE 20-FOOT SECTION OF COMPLETE 8"X2-1/2"X1-1/2" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, AIR LINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00

**ALTERNATE BID NO. 2 ITEMS SUBTOTAL: \$818,200.00**

**BIDDING SUMMARY**

SUBTOTAL WATER PLANT BASE BID ITEMS	\$3,084,747.00
SUBTOTAL WATER WELL BASE BID ITEMS	\$775,250.00
SUBTOTAL MISCELLANEOUS ITEMS	\$17,030.00
<b>TOTAL AMOUNT BASE BID</b>	<b>\$3,877,027.00</b>

**ALTERNATE BID NO. 1 ITEMS**

TOTAL AMOUNT BASE BID	\$3,877,027.00
DEDUCT WATER PLANT BASE BID ITEMS ITEM NO.11	-\$495,000.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS	\$487,756.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 ITEMS</b>	<b>\$3,869,783.00</b>

**ALTERNATE BID NO. 2 ITEMS**

TOTAL AMOUNT BASE BID	\$3,877,027.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.1	-\$630,300.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.2	-\$136,950.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.3	-\$1,500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.4	-\$500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.5	-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.6	-\$2,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.7	-\$2,000.00
SUBTOTAL ALTERNATE BID NO. 2 ITEMS	\$818,200.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS</b>	<b>\$3,919,977.00</b>