

BID TABULATION FOR:

CONSTRUCTION OF THE WATER SUPPLY PLANT NO. 2
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39 & 40
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
MARCH 23, 2021
LJA ENGINEERING, INC.
D. FORREST
MARCH 24, 2021
2149-5103 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT B/D	BID INCLUDING ALTERNATE BID NO. 1 ITEMS	BID INCLUDING ALTERNATE BID NO. 2 ITEMS
1) LONG AND SON, INC.	\$3,457,377.50	\$3,653,977.50	\$3,427,027.50
2) WHARTON-SMITH, INC.	\$3,474,000.00	\$3,753,750.00	\$3,433,030.00
3) W.W. PAYTON CORPORATON	\$3,550,000.00	\$3,750,000.00	\$3,505,000.00
4) PRINCIPAL PLANT SERVICES	\$4,310,752.00	\$4,588,102.00	\$4,381,802.00

CALENDAR DAYS - 320/350



[Handwritten Signature]
3/29/21

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

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ITEM	DESCRIPTION	UNIT	QTY	1) LONG AND SON, INC.		2) WHARTON-SMITH, INC.		3) W.W. PAYTON CORPORATION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER PLANT BASE BID ITEMS									
1	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, CULVERT AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$297,500.00	\$297,500.00	\$257,733.00	\$257,733.00	\$450,000.00	\$450,000.00
2	PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$50,500.00	\$50,500.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
3	TRENCH SAFETY FOR YARD PIPING, COMPLETE IN PLACE	LS	1	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
4	8 FOOT TALL WOOD FENCE, INCLUDING 26' SLIDING GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	974	\$85.00	\$82,790.00	\$86.00	\$83,764.00	\$90.00	\$87,660.00
5	INTERNAL V-BOTTOM DRAINAGE SWALE, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LF	1491	\$3.50	\$5,218.50	\$8.00	\$11,928.00	\$5.00	\$7,455.00
6	4" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$625.00	\$6,250.00	\$900.00	\$9,000.00	\$400.00	\$4,000.00
7	6" REINFORCED CONCRETE PAVEMENT WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, COMPLETE IN PLACE	SY	261	\$115.00	\$30,015.00	\$170.00	\$44,370.00	\$115.00	\$30,015.00
8	CONSTRUCT 6-INCH THICK CRUSHED STONE ROAD WITH 6" STABILIZED SUBGRADE, (AS DIRECTED BY GEOTECHNICAL ENGINEER), INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	754	\$51.30	\$38,680.20	\$62.00	\$46,748.00	\$35.00	\$26,390.00
9	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SY	71	\$170.00	\$12,070.00	\$180.00	\$12,780.00	\$75.00	\$5,325.00
10	TYPE "E" INLET, OPEN ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,565.00	\$2,565.00	\$5,300.00	\$5,300.00	\$2,500.00	\$2,500.00
11	EXTREME EVENT OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, INCLUDES TURF REINFORCEMENT MAT (LANDLOK 300 OR APPROVED EQUAL), TOP SOIL AND SOD, COMPLETE IN PLACE	SY	220	\$35.00	\$7,700.00	\$16.00	\$3,520.00	\$15.00	\$3,300.00
12	CONTRACTOR TO REMOVE EXISTING MANHOLE TOP AND REPLACE WITH A GRATE INLET TOP, COMPLETE IN PLACE	EA	1	\$1,150.00	\$1,150.00	\$1,150.00	\$1,150.00	\$500.00	\$500.00
13	24" RCP (ASTM C 76 CLASS III) STORM SEWER, INCLUDING EXCAVATION, BACK FILL AND BEDDING, COMPLETE IN PLACE	LF	94	\$175.00	\$16,450.00	\$140.00	\$13,160.00	\$100.00	\$9,400.00
14	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	LF	94	\$1.25	\$117.50	\$25.00	\$2,350.00	\$1.00	\$94.00
15	250,000 GALLON, 45'DX24'H GALVANIZED 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	\$222,150.00	\$222,150.00	\$345,750.00	\$345,750.00	\$300,000.00	\$300,000.00
16	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, EMERGENCY EYEWASH/SHOWER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$155,400.00	\$155,400.00	\$391,500.00	\$391,500.00	\$175,000.00	\$175,000.00
17	30 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 68% AT 500 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$9,375.00	\$9,375.00	\$17,500.00	\$17,500.00	\$15,000.00	\$15,000.00
18	100 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 78% AT 1500 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$20,500.00	\$41,000.00	\$19,100.00	\$38,200.00	\$25,000.00	\$50,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) LONG AND SON, INC.		2) WHARTON-SMITH, INC.		3) W.W. PAYTON CORPORATION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	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	\$29,250.00	\$29,250.00	\$37,000.00	\$37,000.00	\$35,000.00	\$35,000.00
20	15,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$86,200.00	\$86,200.00	\$117,000.00	\$117,000.00	\$110,000.00	\$110,000.00
21	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	\$2,850.00	\$2,850.00	\$2,000.00	\$2,000.00	\$250.00	\$250.00
22	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	939	\$1.70	\$1,596.30	\$3.00	\$2,817.00	\$1.00	\$939.00
23	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$1,425.00	\$1,425.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
24	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$2,425.00	\$2,425.00	\$4,700.00	\$4,700.00	\$100.00	\$100.00
25	INLET PROTECTION BARRIERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$285.00	\$570.00	\$250.00	\$500.00	\$50.00	\$100.00
26	NEW 1200A 480V ELECTRICAL SERVICE WITH METERING PER UTILITY STANDARDS AND DUCT BANKS FROM UTILITY TO MCC, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$66,750.00	\$66,750.00	\$11,800.00	\$11,800.00	\$50,000.00	\$50,000.00
27	NEW 1200A MCC WITH ALL ATS, STARTERS, BREAKERS AND CONTROLS, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$95,500.00	\$95,500.00	\$70,500.00	\$70,500.00	\$536,000.00	\$536,000.00
28	NEW 600KW DIESEL GENERATOR WITH SUB BASE FUEL TANK AND ACCESS PLATFORMS AND DUCT BANK FROM GENERATOR TO ATS, INCLUDING CONCRETE PAD AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$185,900.00	\$185,900.00	\$191,500.00	\$191,500.00	\$160,000.00	\$160,000.00
29	ALL DISTRIBUTION AND CONTROL CONDUIT, CABLE, AND DUCT BANKS TO WELL, BOOSTERS, HYDROTANKS, GST, LIGHTING, AND OUTLETS, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$195,000.00	\$195,000.00	\$233,000.00	\$233,000.00	\$50,000.00	\$50,000.00
30	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
31	DRILL ONE PILOT TEST HOLE TO 1,140 FEET, INCLUDING WELL LOGGING AND SAND SAMPLING AND ANALYSIS, COMPLETE IN PLACE	EA	1	\$491,700.00	\$491,700.00	\$302,000.00	\$302,000.00	\$300,000.00	\$300,000.00
32	INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$650.00	\$650.00	\$500.00	\$500.00
33	TEMPORARY TEST WELL INSTALLATION PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$28,500.00	\$85,500.00	\$31,000.00	\$93,000.00	\$30,000.00	\$90,000.00
34	12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE	EA	2	\$570.00	\$1,140.00	\$2,600.00	\$5,200.00	\$500.00	\$1,000.00
35	CONTRACTOR TO CONNECT PROPOSED 24" STORM SEWER TO EXISTING 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$570.00	\$570.00	\$2,350.00	\$2,350.00	\$972.00	\$972.00
WATER PLANT BASE BID ITEMS SUBTOTAL:					\$2,256,707.50 *		\$2,400,770.00		\$2,537,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER WELL BASE BID ITEMS									
1	DRILL AND CONSTRUCT 24"X18" 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	\$923,000.00	\$923,000.00	\$798,000.00	\$798,000.00	\$800,000.00	\$800,000.00
2	EQUIP WATER WELL WITH 300 HP ELECTRIC MOTOR, 1500 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, 700 FEET OF WELL PUMP COLUMN PIPE ASSEMBLY (10" X 3" X 1 15/16" 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	\$245,100.00	\$245,100.00	\$236,500.00	\$236,500.00	\$184,000.00	\$184,000.00
3	ADD OR DEDUCT FOR CHANGES TO 800 FEET TOTAL LENGTH, 24" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$175.00	\$1,750.00	\$125.00	\$1,250.00	\$125.00	\$1,250.00
4	ADD OR DEDUCT FOR CHANGES TO 210 FEET TOTAL LENGTH 18" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$135.00	\$1,350.00	\$78.00	\$780.00	\$78.00	\$780.00
5	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 18" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$305.00	\$3,050.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00
6	ADD OR DEDUCT FOR CHANGES TO 700 FEET DEPTH OF PUMP SETTING BY ONE 20 FEET SECTION OF COMPLETE 10" X 3" X 1-15/16" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, COLUMN, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,580.00	\$2,580.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 10 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$1,070.00	\$1,070.00	\$1,500.00	\$1,500.00	\$1,470.00	\$1,470.00
WATER WELL BASE BID ITEMS SUBTOTAL:					\$1,177,900.00		\$1,040,530.00		\$990,000.00
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	\$12.00	\$120.00	\$35.00	\$350.00	\$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	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
3	DEWATERING OF LINE WORK, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
4	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$20.00	\$200.00	\$35.00	\$350.00	\$20.00	\$200.00
5	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	50	\$300.00	\$15,000.00	\$300.00	\$15,000.00	\$300.00	\$15,000.00
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	\$2,500.00	\$2,500.00	\$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	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$3,000.00	\$3,000.00	\$8,000.00	\$8,000.00	\$1,000.00	\$1,000.00
9	30 CY TRASH CONTAINER, CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING TRASH AND MISCELLANEOUS DEBRIS FROM THE PROJECT SITE, INCLUDES LOADING, HAULING-OFF, ENVIRONMENTAL COMPLIANCE AND DISPOSAL, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$22,770.00		\$32,700.00		\$23,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ALTERNATE BID NO. 1 ITEMS									
1	250,000 GALLON 45'DX24'H WELDED STEEL 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 #15)	LS	1	\$418,750.00	\$418,750.00	\$625,500.00	\$625,500.00	\$500,000.00	\$500,000.00
ALTERNATE BID NO. 1 ITEMS SUBTOTAL:					\$418,750.00		\$625,500.00		\$500,000.00
ALTERNATE BID NO. 2 ITEMS									
1	DRILL AND CONSTRUCT 1,500 GPM WATER WELL (20"X14") 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	\$899,800.00	\$899,800.00	\$758,000.00	\$758,000.00	\$760,000.00	\$760,000.00
2	EQUIP WATER WELL WITH 250 HP, 1,500 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	\$238,300.00	\$238,300.00	\$236,500.00	\$236,500.00	\$180,000.00	\$180,000.00
3	ADD OR DEDUCT FOR CHANGES TO 800 FEET DEPTHS, 20" CONDUCTOR PIPE WITH 26" REAMED HOLE DIAMETER, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 3, COMPLETE IN PLACE	LF	10	\$160.00	\$1,600.00	\$115.00	\$1,150.00	\$115.00	\$1,150.00
4	ADD OR DEDUCT FOR CHANGES TO 210 FEET TOTAL LENGTH 14" NON-PERFORATED PRODUCTION CASING, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 4, COMPLETE IN PLACE	LF	10	\$125.00	\$1,250.00	\$52.00	\$520.00	\$52.00	\$520.00
5	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 14" PERFORATED PRODUCTION CASING (SCREEN), TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 5, COMPLETE IN PLACE	LF	10	\$295.00	\$2,950.00	\$89.00	\$890.00	\$89.00	\$890.00
6	ADD OR DEDUCT FOR CHANGES TO 700 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	\$2,580.00	\$2,580.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 10 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	\$1,070.00	\$1,070.00	\$1,500.00	\$1,500.00	\$1,440.00	\$1,440.00
ALTERNATE BID NO. 2 ITEMS SUBTOTAL:					\$1,147,550.00		\$999,560.00		\$945,000.00
BIDDING SUMMARY									
SUBTOTAL WATER PLANT BASE BID ITEMS					\$2,256,707.50 *		\$2,400,770.00		\$2,537,000.00
SUBTOTAL WATER WELL BASE BID ITEMS					\$1,177,900.00		\$1,040,530.00		\$990,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$22,770.00		\$32,700.00		\$23,000.00
TOTAL AMOUNT BASE BID					\$3,457,377.50 *		\$3,474,000.00		\$3,550,000.00
ALTERNATE BID NO. 1 ITEMS									
TOTAL AMOUNT BASE BID					\$3,457,377.50 *		\$3,474,000.00		\$3,550,000.00
DEDUCT WATER PLANT BASE BID ITEMS ITEM NO.15					-\$222,150.00		-\$345,750.00		-\$300,000.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS					\$418,750.00		\$625,500.00		\$500,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 ITEMS					\$3,653,977.50 *		\$3,753,750.00		\$3,750,000.00
ALTERNATE BID NO. 2 ITEMS									
TOTAL AMOUNT BASE BID					\$3,457,377.50 *		\$3,474,000.00		\$3,550,000.00

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LJA JOB NO.

CONSTRUCTION OF THE WATER SUPPLY PLANT NO. 2
 TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39 & 40
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 MARCH 23, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 24, 2021
 2149-5103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) LONG AND SON, INC.		2) WHARTON-SMITH, INC.		3) W.W. PAYTON CORPORATON	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.1					-\$923,000.00		-\$798,000.00		-\$800,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.2					-\$245,100.00		-\$236,500.00		-\$184,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.3					-\$1,750.00		-\$1,250.00		-\$1,250.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.4					-\$1,350.00		-\$780.00		-\$780.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.5					-\$3,050.00		-\$1,000.00		-\$1,000.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.6					-\$2,580.00		-\$1,500.00		-\$1,500.00
DEDUCT WATER WELL BASE BID ITEMS ITEM NO.7					-\$1,070.00		-\$1,500.00		-\$1,470.00
SUBTOTAL ALTERNATE BID NO. 2 ITEMS					\$1,147,550.00		\$999,580.00		\$945,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS					\$3,427,027.50		\$3,433,030.00		\$3,505,000.00

LJA Engineering, Inc.

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 LJA ENGINEERING, INC.
 D. FORREST
 MARCH 24, 2021
 2149-5103 (9.2)

4) PRINCIPAL PLANT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER PLANT BASE BID ITEMS					
1	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, CULVERT AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$645,500.00	\$645,500.00
2	PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$31,625.00	\$31,625.00
3	TRENCH SAFETY FOR YARD PIPING, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00
4	8 FOOT TALL WOOD FENCE, INCLUDING 26' SLIDING GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	974	\$90.00	\$87,680.00
5	INTERNAL V-BOTTOM DRAINAGE SWALE, (AS SHOWN ON PLANS), COMPLETE IN PLACE	LF	1491	\$15.00	\$22,365.00
6	4" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$1,000.00	\$10,000.00
7	6" REINFORCED CONCRETE PAVEMENT WITH 8" LIME OR CEMENT STABILIZED SUBGRADE EXTENDING 1 FOOT OUTSIDE PAVEMENT, COMPLETE IN PLACE	SY	261	\$160.00	\$41,760.00
8	CONSTRUCT 6-INCH THICK CRUSHED STONE ROAD WITH 6" STABILIZED SUBGRADE, (AS DIRECTED BY GEOTECHNICAL ENGINEER), INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	754	\$70.00	\$52,780.00
9	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SY	71	\$110.00	\$7,810.00
10	TYPE "E" INLET, OPEN ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,944.00	\$2,944.00
11	EXTREME EVENT OVERFLOW SWALE, 6" BOTTOM, 6:1 SIDE SLOPES, INCLUDES TURF REINFORCEMENT MAT (LANDLOK 300 OR APPROVED EQUAL), TOP SOIL AND SOD, COMPLETE IN PLACE	SY	220	\$225.00	\$49,500.00
12	CONTRACTOR TO REMOVE EXISTING MANHOLE TOP AND REPLACE WITH A GRATE INLET TOP, COMPLETE IN PLACE	EA	1	\$2,415.00	\$2,415.00
13	24" RCP (ASTM C 76 CLASS III) STORM SEWER, INCLUDING EXCAVATION, BACK FILL AND BEDDING, COMPLETE IN PLACE	LF	94	\$220.00	\$20,680.00
14	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	LF	94	\$100.00	\$9,400.00
15	250,000 GALLON, 45'DX24'H GALVANIZED 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	\$251,850.00	\$251,850.00
16	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, EMERGENCY EYEWASH/SHOWER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$429,065.00	\$429,065.00
17	30 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 68% AT 500 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$5,750.00	\$5,750.00
18	100 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 78% AT 1500 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$20,125.00	\$40,250.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
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 LJA ENGINEERING, INC.
 D. FORREST
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 2149-5103 (9.2)

4) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
19	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	\$43,125.00	\$43,125.00
20	15,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$124,200.00	\$124,200.00
21	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	\$1,000.00	\$1,000.00
22	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	939	\$4.00	\$3,756.00
23	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00
24	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
25	INLET PROTECTION BARRIERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00
26	NEW 1200A 480V ELECTRICAL SERVICE WITH METERING PER UTILITY STANDARDS AND DUCT BANKS FROM UTILITY TO MCC, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$30,475.00	\$30,475.00
27	NEW 1200A MCC WITH ALL ATS, STARTERS, BREAKERS AND CONTROLS, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$140,875.00	\$140,875.00
28	NEW 600KW DIESEL GENERATOR WITH SUB BASE FUEL TANK AND ACCESS PLATFORMS AND DUCT BANK FROM GENERATOR TO ATS, INCLUDING CONCRETE PAD AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$311,650.00	\$311,650.00
29	ALL DISTRIBUTION AND CONTROL CONDUIT, CABLE, AND DUCT BANKS TO WELL, BOOSTERS, HYDROTANKS, GST, LIGHTING, AND OUTLETS, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$225,837.00	\$225,837.00
30	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
31	DRILL ONE PILOT TEST HOLE TO 1,140 FEET, INCLUDING WELL LOGGING AND SAND SAMPLING AND ANALYSIS, COMPLETE IN PLACE	EA	1	\$468,625.00	\$468,625.00
32	INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$12,075.00	\$12,075.00
33	TEMPORARY TEST WELL INSTALLATION PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$29,710.00	\$89,130.00
34	12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE	EA	2	\$2,015.00	\$4,030.00
35	CONTRACTOR TO CONNECT PROPOSED 24" STORM SEWER TO EXISTING 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
WATER PLANT BASE BID ITEMS SUBTOTAL:				\$3,194,232.00	

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 MARCH 23, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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4) PRINCIPAL PLANT SERVICES					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER WELL BASE BID ITEMS					
1	DRILL AND CONSTRUCT 24"X18" 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	\$824,550.00	\$824,550.00
2	EQUIP WATER WELL WITH 300 HP ELECTRIC MOTOR, 1500 GPM PUMP, WELL HEAD, CONCRETE FOUNDATION, VENT, PUMP BOWLS, 700 FEET OF WELL PUMP COLUMN PIPE ASSEMBLY (10" X 3" X 1 15/16" 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	\$256,450.00	\$256,450.00
3	ADD OR DEDUCT FOR CHANGES TO 800 FEET TOTAL LENGTH, 24" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$175.00	\$1,750.00
4	ADD OR DEDUCT FOR CHANGES TO 210 FEET TOTAL LENGTH 18" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$135.00	\$1,350.00
5	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 18" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$305.00	\$3,050.00
6	ADD OR DEDUCT FOR CHANGES TO 700 FEET DEPTH OF PUMP SETTING BY ONE 20 FEET SECTION OF COMPLETE 10" X 3" X 1-15/16" WELL PUMP COLUMN ASSEMBLY, WATER LEVEL ACCESS TUBE, COLUMN, AIRLINE ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,580.00	\$2,580.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 10 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$1,070.00	\$1,070.00
WATER WELL BASE BID ITEMS SUBTOTAL:					\$1,090,800.00
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	\$12.00	\$120.00
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
3	DEWATERING OF LINE WORK, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00
4	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$40.00	\$400.00
5	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	50	\$300.00	\$15,000.00
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	\$100.00	\$100.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00
9	30 CY TRASH CONTAINER, CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING TRASH AND MISCELLANEOUS DEBRIS FROM THE PROJECT SITE, INCLUDES LOADING, HAULING-OFF, ENVIRONMENTAL COMPLIANCE AND DISPOSAL, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$25,720.00

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 LJA ENGINEERING, INC.
 D. FORREST
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4) PRINCIPAL PLANT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
ALTERNATE BID NO. 1 ITEMS					
1	250,000 GALLON 45'DX24'H WELDED STEEL 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 #15)	LS	1	\$529,200.00	\$529,200.00
ALTERNATE BID NO. 1 ITEMS SUBTOTAL:					\$529,200.00
ALTERNATE BID NO. 2 ITEMS					
1	DRILL AND CONSTRUCT 1,500 GPM WATER WELL (20"X14") 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	\$901,600.00	\$901,600.00
2	EQUIP WATER WELL WITH 250 HP, 1,500 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	\$250,700.00	\$250,700.00
3	ADD OR DEDUCT FOR CHANGES TO 800 FEET DEPTHS, 20" CONDUCTOR PIPE WITH 26" REAMED HOLE DIAMETER, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 3, COMPLETE IN PLACE	LF	10	\$160.00	\$1,600.00
4	ADD OR DEDUCT FOR CHANGES TO 210 FEET TOTAL LENGTH 14" NON-PERFORATED PRODUCTION CASING, TO BE USED IN LIEU OF WATER WELL BASE BID ITEM NO. 4, COMPLETE IN PLACE	LF	10	\$125.00	\$1,250.00
5	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 14" PERFORATED PRODUCTION CASING (SCREEN), TO BE USED IN LIEU OF WATER WELL WELL BASE BID ITEM NO. 5, COMPLETE IN PLACE	LF	10	\$300.00	\$3,000.00
6	ADD OR DEDUCT FOR CHANGES TO 700 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	\$2,600.00	\$2,600.00
7	ADD OR DEDUCT, INCREASE OR DECREASE, 10 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	\$1,100.00	\$1,100.00
ALTERNATE BID NO. 2 ITEMS SUBTOTAL:					\$1,161,850.00
BIDDING SUMMARY					
SUBTOTAL WATER PLANT BASE BID ITEMS					\$3,194,232.00
SUBTOTAL WATER WELL BASE BID ITEMS					\$1,090,800.00
SUBTOTAL MISCELLANEOUS ITEMS					\$25,720.00
TOTAL AMOUNT BASE BID					\$4,310,752.00
ALTERNATE BID NO. 1 ITEMS					
TOTAL AMOUNT BASE BID					\$4,310,752.00
DEDUCT WATER PLANT BASE BID ITEMS ITEM NO.15					-\$251,850.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS					\$529,200.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1 ITEMS					\$4,588,102.00
ALTERNATE BID NO. 2 ITEMS					
TOTAL AMOUNT BASE BID					\$4,310,752.00

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4) PRINCIPAL PLANT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.1				-\$824,550.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.2				-\$256,450.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.3				-\$1,750.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.4				-\$1,350.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.5				-\$3,050.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.6				-\$2,580.00
	DEDUCT WATER WELL BASE BID ITEMS ITEM NO.7				-\$1,070.00
	SUBTOTAL ALTERNATE BID NO. 2 ITEMS				\$1,161,850.00
	TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS				\$4,381,802.00

LJA Engineering, Inc.