

BID TABULATION FOR:


CONSTRUCTION OF THE WATER SUPPLY PLANT NO. 1 PHASE 1
TO SERVE MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 157 (MASTER DISTRICT)
CITY OF CONROE E.T.J.
MONTGOMERY COUNTY, TEXAS
DECEMBER 19, 2017
LJA ENGINEERING, INC.
L. MARTINEZ
DECEMBER 19, 2017
1968-10004 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	TOTAL AMOUNT BID INCL. ALTERNATE
1) 5J SERVICES, LLC	\$3,561,265.00	\$3,727,485.00
2) W. W. PAYTON CORPORATION	\$3,750,000.00	\$3,930,000.00
3) PRINCIPAL SERVICES, LTD.	\$3,913,875.20	\$3,990,875.20
4) LONG & SON, INC.	\$3,962,627.50	\$4,146,327.50
5) B-5 CONSTRUCTION CO., INC.	\$4,084,605.00	\$4,283,676.00

CALENDAR DAYS - 320/350




I, Chris LeBlanc, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM DESCRIPTION	UNIT	QTY	1) SJ SERVICES, LLC		2) W. W. PAYTON CORPORATION		3) PRINCIPAL SERVICES, LTD.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER PLANT BASE BID ITEMS									
1. DRILL ONE PILOT TEST HOLE TO 1,700 FEET, INCLUDING WELL LOGGING AND SAND ANALYSIS, COMPLETE IN PLACE	EA	1	\$346,500.00	\$346,500.00	\$375,000.00	\$375,000.00	\$275,000.00	\$275,000.00	
2. INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$5,250.00	\$5,250.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	
3. TEMPORARY TEST WELL INSTALLATION IN PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$31,500.00	\$94,500.00	\$33,000.00	\$99,000.00	\$43,600.00	\$130,800.00	
4. CONTRACTOR WATER SUPPLY WELL CONSTRUCTION, COMPLETE IN PLACE	LS	1	\$10,500.00	\$10,500.00	\$11,000.00	\$11,000.00	\$17,985.00	\$17,985.00	
5. PLUGGING OF CONTRACTOR WATER SUPPLY WELL, COMPLETE IN PLACE	LS	1	\$1,050.00	\$1,050.00	\$1,000.00	\$1,000.00	\$2,725.00	\$2,725.00	
6. PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	
7. 8 FOOT TALL CHAIN LINK FENCE, (BLACK VINYL COVERED), INCLUDING 22' DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,610	\$22.00	\$35,420.00	\$25.00	\$40,250.00	\$22.82	\$36,740.20	
8. 4" PIPE BOLLARD, COMPLETE IN PLACE	EA	6	\$400.00	\$2,400.00	\$300.00	\$1,800.00	\$800.00	\$4,800.00	
9. TYPE "E" INLET, OPEN ALL SIDES, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	4	\$3,000.00	\$12,000.00	\$2,500.00	\$10,000.00	\$3,500.00	\$14,000.00	
10. 24" RCP STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL, AND BEDDING, COMPLETE IN PLACE	LF	404	\$50.00	\$20,200.00	\$75.00	\$30,300.00	\$60.00	\$24,240.00	
11. 4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING RE DRESSING SIDE SLOPE NECESSARY, COMPLETE IN PLACE	SY	25	\$65.00	\$1,625.00	\$150.00	\$3,750.00	\$200.00	\$5,000.00	
12. OFFSITE 16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1,506	\$60.00	\$90,360.00	\$45.00	\$67,770.00	\$50.00	\$75,300.00	
13. OFFSITE 16" RESTRAINED JOINT PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES, AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	434	\$85.00	\$36,890.00	\$210.00	\$91,140.00	\$80.00	\$34,720.00	
14. OFFSITE 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	
15. OFFSITE PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00	
16. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,344	\$1.00	\$2,344.00	\$1.00	\$2,344.00	\$2.00	\$4,688.00	
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	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$5,000.00	\$5,000.00	
18. OFFSITE EXCAVATION, HAULING, PLACEMENT AND COMPACTION FOR WATER SUPPLY PLANT, INCLUDES REMOVAL OF UNSUITABLE MATERIAL BEFORE PLACING FILL, STRIPPINGS, PROOF ROLLING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, REAPPLICATION OF STRIPPINGS, AND GRADING TO TARGET CONTOURS PER SITE PLAN (SEE SHEET 5), COMPLETE IN PLACE	CY	8,486	\$7.50	\$63,645.00	\$6.00	\$50,916.00	\$5.00	\$42,430.00	
19. EXPLORER PIPELINE EASEMENT CROSSINGS AS NECESSARY TO COMPLETE HAULING OPERATIONS PER EXPLORER SPECIFICATIONS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, PIPELINE PROTECTION AS SPECIFIED BY EXPLORER INCLUDING BUT NOT LIMITED TO MATS, FILL BRIDGES, ETC., COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	
20. OFFSITE CRUSHED CONCRETE DRIVEWAY 6" THICK WITH 8" LIME STABILIZED SUBGRADE (16LB/SY OR 3% LIME BY WEIGHT AND 42 LB/SY OR 8% FLY ASH BY WEIGHT) EXTENDING 1 FOOT OUTSIDE CRUSHED CONCRETE, WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	6,038	\$35.00	\$211,330.00	\$13.00	\$78,494.00	\$30.00	\$181,140.00	

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ITEM	DESCRIPTION	UNIT	QTY	1) SJ SERVICES, LLC		2) W. W. PAYTON CORPORATION		3) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	CLEARING AND GRUBBING AS NECESSARY, INCLUDES REMOVAL HAULING AND OFFSITE DISPOSAL, COMPLETE IN PLACE	AC	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
22.	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, CONCRETE PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, EMERGENCY EYEWASH/SHOWER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$761,652.00	\$761,652.00	\$300,000.00	\$300,000.00	\$264,000.00	\$264,000.00
23.	CHLORINATION SYSTEM, INCLUDING TWO AUTOMATIC CHLORINATOR ASSEMBLIES, 1-INCH SCHEDULE 80 PVC PIPE CL2 FEED LINE, CHEMICAL INJECTION ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$33,000.00	\$33,000.00
24.	CRUSHED CONCRETE DRIVEWAY WITHIN SITE BOUNDARY 6" THICK WITH 8" LIME STABILIZED SUBRADE (16 LB/SY OR 3% LIME BY WEIGHT AND 42 LB/SY OR 8% FLY ASH BYWEIGHT) EXTENDING 1 FOOT OUTSIDE CRUSHED CONCRETE, WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	611	\$35.00	\$21,385.00	\$15.00	\$9,165.00	\$22.00	\$13,442.00
25.	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, TRENCH SAFETY, AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$356,000.00	\$356,000.00	\$301,500.00	\$301,500.00
26.	25,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$125,000.00	\$125,000.00	\$100,000.00	\$100,000.00	\$92,000.00	\$92,000.00
27.	500,000 GALLON, 59'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	\$250,000.00	\$250,000.00	\$300,000.00	\$300,000.00	\$223,000.00	\$223,000.00
28.	40HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 60% AT 800 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$35,000.00	\$35,000.00
29.	100 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 75% AT 1,600 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$25,000.00	\$50,000.00	\$18,000.00	\$36,000.00	\$33,000.00	\$66,000.00
30.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,053	\$5.00	\$5,265.00	\$5.00	\$5,265.00	\$5.00	\$5,265.00
31.	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SF	906	\$5.00	\$4,530.00	\$10.00	\$9,060.00	\$15.00	\$13,590.00
32.	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,702	\$1.50	\$2,553.00	\$1.00	\$1,702.00	\$5.00	\$8,510.00
33.	NEW 1600A 480V ELECTRICAL SERVICE INCLUDING PRIMARY CONDUITS, SECONDARY CONDUITS TO ATS AND MCC, 1600A ATS, 1000KW DIESEL GENERATOR WITH ACCESS PLATFORM AND INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$100,000.00	\$100,000.00	\$300,000.00	\$300,000.00	\$374,500.00	\$374,500.00
34.	NEW 1600A MOTOR CONTROL CENTER WITH ALL STARTERS, SOFT STARTS, AND 480V BREAKERS, COMPLETE IN PLACE	LS	1	\$75,000.00	\$75,000.00	\$150,000.00	\$150,000.00	\$122,000.00	\$122,000.00
35.	ALL DISTRIBUTION INCLUDING WIRE, CONDUIT, DUCT BANKS FROM MCC TO ALL PUMPS, MOTORS, COMPRESSORS, AND INCLUDING ALL PULL BOXES AND COORDINATION WITH EQUIPMENT/CONTROL PANELS, COMPLETE IN PLACE	LS	1	\$130,000.00	\$130,000.00	\$100,000.00	\$100,000.00	\$176,000.00	\$176,000.00
36.	ALL 120V DISTRIBUTION AND ASSOCIATED LIGHTING, OUTLETS, AND CONTROLS INCLUDING ALL SENSORS, TRANSDUCERS, WIRE AND CONDUIT, AUTO-SENSORY PANEL AS REQUIRED FOR A COMPLETE AND WORKING SYSTEM PER SPECIFICATION SECTION 16903, COMPLETE IN PLACE	LS	1	\$105,000.00	\$105,000.00	\$150,000.00	\$150,000.00	\$102,000.00	\$102,000.00
37.	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	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) SJ SERVICES, LLC		2) W. W. PAYTON CORPORATION		3) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
38.	ADDITIONAL COST FOR THE SETUP AND REMOVAL OF EQUIPMENT AS REQUIRED TO PROVIDE NON-POTABLE WATER FOR OFFSITE DISTRICT CONSTRUCTION ACTIVITIES THROUGH COMPLETION OF THE WATER PLANT, INCLUDES TEMPORARY WATER SUPPLY WELL (TEST WELL), TEMPORARY ELECTRICAL AND GENERATOR, TEMPORARY PRESSURE TANK AND PIPING AS REQUIRED TO PROVIDE 150 GPM FLOW RATE AT 50 PSI, DURING WORK HOURS MONDAY - SATURDAY 7:00 A.M. TO 5:00 P.M., REMOVAL OF EQUIPMENT AN PLUGGING OF THE TEMPORARY WELL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$105,000.00	\$105,000.00	\$150,544.00	\$150,544.00	\$148,000.00	\$148,000.00
SUBTOTAL WATER PLANT BASE BID ITEMS					\$2,828,399.00		\$2,960,000.00		\$2,939,875.20 *
WATER WELL BASE BID ITEMS									
1.	DRILL AND CONSTRUCT 1,200 GPM WATER WELL 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, COMPLETE IN PLACE	LS	1	\$498,750.00	\$498,750.00	\$550,000.00	\$550,000.00	\$740,000.00	\$740,000.00
2.	EQUIP WATER WELL WITH 250 HP, 1,200 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, COMPLETE IN PLACE	LS	1	\$189,000.00	\$189,000.00	\$203,500.00	\$203,500.00	\$165,000.00	\$165,000.00
3.	ADD OR DEDUCT FOR CHANGES TO 1,395 FEET DEPTH, 20" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$157.50	\$1,575.00	\$150.00	\$1,500.00	\$110.00	\$1,100.00
4.	ADD OR DEDUCT FOR CHANGES TO 135 FEET TOTAL LENGTH 14" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$63.00	\$630.00	\$60.00	\$600.00	\$66.00	\$660.00
5.	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 14" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$189.00	\$1,890.00	\$180.00	\$1,800.00	\$220.00	\$2,200.00
6.	ADD OR DEDUCT FOR CHANGES TO 520 FEET DEPTH OF PUMP SETTING BY ONE 20 FEET SECTION OF WELL PUMP COLUMN, AIRLINE ASSEMBLY, CABLE, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,680.00	\$1,680.00	\$1,600.00	\$1,600.00	\$2,750.00	\$2,750.00
7.	ADD OR DEDUCT, INCREASE OR DECREASE, 50 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$1,050.00	\$1,050.00	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00
SUBTOTAL WATER WELL BASE BID ITEMS					\$694,575.00		\$760,000.00		\$917,210.00
MISCELLANEOUS ITEMS									
1.	ADD OR DEDUCT FOR CHANGES 1,700 FEET DEPTH WELL TEST HOLE, COMPLETE IN PLACE	LF	10	\$52.50	\$525.00	\$50.00	\$500.00	\$110.00	\$1,100.00
2.	ADD FOR WELL DEVELOPMENT TIME IN ADDITION TO SPECIFIED TWENTY TOURS AT 8 HOUR PER TOUR EACH, COMPLETE IN PLACE	EA	1	\$420.00	\$420.00	\$400.00	\$400.00	\$2,640.00	\$2,640.00
3.	ABANDON AND PLUGGING OF PILOT TEST HOLE, COMPLETE IN PLACE	LS	1	\$5,250.00	\$5,250.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
4.	PROVIDE SPECTRALOG, SPECTRAL GAMMA RAY, OR APPROVED EQUAL LOG OF THE TEST HOLE, COMPLETE IN PLACE	LS	1	\$525.00	\$525.00	\$500.00	\$500.00	\$4,000.00	\$4,000.00
5.	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	\$30.00	\$300.00
6.	DEWATERING FOR STRUCTURES, AS REQUIRED BY SOIL CONDITIONS (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00
7.	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	\$40.00	\$4,000.00
8.	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$35.00	\$350.00	\$15.00	\$150.00	\$40.00	\$400.00

* MATHEMATICAL ERROR

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9.	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
10.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.5	\$1,500.00	\$5,250.00	\$1,500.00	\$5,250.00	\$2,500.00	\$8,750.00
11.	CONTROL OF SURFACE WATER FOR DURATION OF CONTRACT, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
12.	ADD OR DEDUCT FOR ONE FORMATION TESTER ROUND TRIP METHOD SAMPLING OF WATER QUALITY FROM PILOT TEST HOLE, COMPLETE IN PLACE	EA	1	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00	\$16,500.00	\$16,500.00
13.	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$1,250.00	\$1,250.00	\$1,600.00	\$1,600.00	\$1,000.00	\$1,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$38,291.00	\$30,000.00	\$56,790.00		
ALTERNATE BID NO. 1									
1.	59' D X 24' H WELDED STEEL GROUND STORAGE TANK, INCLUDING TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS, SPLASH PAD AND ALL APPURTENANCES AS SHOWN ON PLANS, TO BE USED IN LIEU OF WATER PLANT BASE BID ITEM NO. 27, COMPLETE IN PLACE	LS	1	\$416,220.00	\$416,220.00	\$480,000.00	\$480,000.00	\$300,000.00	\$300,000.00
SUBTOTAL ALTERNATE BID NO. 1					\$416,220.00	\$480,000.00	\$300,000.00		
BID SUMMARY									
SUBTOTAL WATER PLANT BASE BID ITEMS					\$2,828,399.00	\$2,960,000.00	\$2,939,875.20	*	
SUBTOTAL WATER WELL BASE BID ITEMS					\$694,575.00	\$760,000.00	\$917,210.00		
SUBTOTAL MISCELLANEOUS ITEMS					\$38,291.00	\$30,000.00	\$56,790.00		
TOTAL AMOUNT BID					\$3,561,265.00	\$3,750,000.00	\$3,913,875.20	*	
ALTERNATE BID NO. 1									
TOTAL AMOUNT BID					\$3,561,265.00	\$3,750,000.00	\$3,913,875.20	*	
DEDUCT ITEM 27 WATER PLANT BASE BID ITEMS					(\$250,000.00)	(\$300,000.00)	(\$223,000.00)	*	
SUBTOTAL ALTERNATE BID NO. 1					\$416,220.00	\$480,000.00	\$300,000.00		
TOTAL AMOUNT BID INCLUDING ALTERNATE					\$3,727,485.00	\$3,930,000.00	\$3,990,875.20	*	

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			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER PLANT BASE BID ITEMS							
1. DRILL ONE PILOT TEST HOLE TO 1,700 FEET, INCLUDING WELL LOGGING AND SAND ANALYSIS, COMPLETE IN PLACE	EA	1	\$400,000.00	\$400,000.00	\$367,950.00	\$367,950.00	
2. INSTALL A 30 SACK CEMENT PLUG FOR UNUSED PORTION OF WELL TEST HOLE, COMPLETE IN PLACE	EA	1	\$5,800.00	\$5,800.00	\$5,575.00	\$5,575.00	
3. TEMPORARY TEST WELL INSTALLATION IN PILOT TEST HOLE, PUMPING AND WATER SAMPLING AND ANALYSES, COMPLETE IN PLACE	EA	3	\$35,000.00	\$105,000.00	\$33,450.00	\$100,350.00	
4. CONTRACTOR WATER SUPPLY WELL CONSTRUCTION, COMPLETE IN PLACE	LS	1	\$11,600.00	\$11,600.00	\$11,150.00	\$11,150.00	
5. PLUGGING OF CONTRACTOR WATER SUPPLY WELL, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,115.00	\$1,115.00	
6. PAINTING OF ABOVE GROUND PIPING, INCLUDING VALVES, METER, PIPE, PIPE SUPPORTS, FITTINGS AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$20,850.00	\$20,850.00	\$20,070.00	\$20,070.00	
7. 8 FOOT TALL CHAIN LINK FENCE, (BLACK VINYL COVERED), INCLUDING 22' DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,610	\$23.50	\$37,835.00	\$22.50	\$36,225.00	
8. 4" PIPE BOLLARD, COMPLETE IN PLACE	EA	6	\$250.00	\$1,500.00	\$1,255.00	\$7,530.00	
9. TYPE "E" INLET, OPEN ALL SIDES, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$3,588.00	\$14,352.00	
10. 24" RCP STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL, AND BEDDING, COMPLETE IN PLACE	LF	404	\$86.50	\$34,946.00	\$71.00	\$28,684.00	
11. 4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING RE DRESSING SIDE SLOPE NECESSARY, COMPLETE IN PLACE	SY	25	\$95.00	\$2,375.00	\$150.00	\$3,750.00	
12. OFFSITE 16" PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1,506	\$53.50	\$80,571.00	\$84.00	\$126,504.00	
13. OFFSITE 16" RESTRAINED JOINT PVC WATER PIPE, AWWA C-905, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES, AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	434	\$180.00	\$78,120.00	\$160.00	\$69,440.00	
14. OFFSITE 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$1,589.00	\$3,178.00	
15. OFFSITE PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	2	\$700.00	\$1,400.00	\$975.00	\$1,950.00	
16. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,344	\$1.25	\$2,930.00	\$1.00	\$2,344.00	
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	\$2,350.00	\$2,350.00	\$5,938.00	\$5,938.00	
18. OFFSITE EXCAVATION, HAULING, PLACEMENT AND COMPACTION FOR WATER SUPPLY PLANT, INCLUDES REMOVAL OF UNSUITABLE MATERIAL BEFORE PLACING FILL, STRIPPINGS, PROOF ROLLING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, REAPPLICATION OF STRIPPINGS, AND GRADING TO TARGET CONTOURS PER SITE PLAN (SEE SHEET 5), COMPLETE IN PLACE	CY	8,486	\$9.00	\$76,374.00	\$10.00	\$84,860.00	
19. EXPLORER PIPELINE EASEMENT CROSSINGS AS NECESSARY TO COMPLETE HAULING OPERATIONS PER EXPLORER SPECIFICATIONS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, PIPELINE PROTECTION AS SPECIFIED BY EXPLORER INCLUDING BUT NOT LIMITED TO MATS, FILL BRIDGES, ETC., COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00	\$12,545.00	\$12,545.00	
20. OFFSITE CRUSHED CONCRETE DRIVEWAY 6" THICK WITH 8" LIME STABILIZED SUBGRADE (18LB/SY OR 3% LIME BY WEIGHT AND 42 LB/SY OR 8% FLY ASH BY WEIGHT) EXTENDING 1 FOOT OUTSIDE CRUSHED CONCRETE, WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	6,038	\$31.50	\$190,197.00	\$37.00	\$223,406.00	

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CONSTRUCTION OF THE WATER SUPPLY PLANT NO. 1 PHASE 1
 TO SERVE MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 157 (MASTER DISTRICT)
 CITY OF CONROE E.T.J.
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 19, 2017
 LJA ENGINEERING, INC.
 L. MARTINEZ
 DECEMBER 19, 2017
 1968-10004 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) LONG & SON, INC.		5) B-5 CONSTRUCTION CO., INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	CLEARING AND GRUBBING AS NECESSARY, INCLUDES REMOVAL HAULING AND OFFSITE DISPOSAL, COMPLETE IN PLACE	AC	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
22.	CONTROL BUILDING AND PUMP PAD INCLUDING REINFORCED CONCRETE FOUNDATION, PIPING, CONCRETE PUMP SUPPORTS, CONCRETE PIPE SUPPORTS, AIR COMPRESSOR, AIR CONDITIONER, EMERGENCY EYEWASH/SHOWER, VENTILATION EQUIPMENT, SPLASH PAD, DOORS, PAINTING AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$264,500.00	\$264,500.00	\$332,621.00	\$332,621.00
23.	CHLORINATION SYSTEM, INCLUDING TWO AUTOMATIC CHLORINATOR ASSEMBLIES, 1-INCH SCHEDULE 80 PVC PIPE CL2 FEED LINE, CHEMICAL INJECTION ASSEMBLY, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$24,800.00	\$24,800.00	\$23,861.00	\$23,861.00
24.	CRUSHED CONCRETE DRIVEWAY WITHIN SITE BOUNDARY 6" THICK WITH 8" LIME STABILIZED SUBRADE (16 LB/SY OR 3% LIME BY WEIGHT AND 42 LB/SY OR 8% FLY ASH BYWEIGHT) EXTENDING 1 FOOT OUTSIDE CRUSHED CONCRETE, WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	611	\$27.00	\$16,497.00	\$41.00	\$25,051.00
25.	SITE WORK FOR PLANT SITE INCLUDING GRADING, PIPE SUPPORTS, YARD PIPING, INCLUDING FITTINGS, SPLASH PADS, TRENCH SAFETY, AND ALL REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$415,000.00	\$415,000.00	\$360,009.00	\$360,009.00
26.	25,000 GALLON HYDROPNEUMATIC TANK, INCLUDING TANK PIPING, FOUNDATION, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$87,550.00	\$87,550.00	\$126,320.00	\$126,320.00
27.	500,000 GALLON, 59'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	\$234,300.00	\$234,300.00	\$279,864.00	\$279,864.00
28.	40HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 60% AT 800 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$11,500.00	\$11,500.00	\$13,451.00	\$13,451.00
29.	100 HP NON-OVERLOADING HORIZONTAL SPLIT CASE BOOSTER PUMP WITH MINIMUM EFFICIENCY AT 75% AT 1,600 GPM AND 150' TDH, INCLUDING ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$17,250.00	\$34,500.00	\$19,284.00	\$38,568.00
30.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,053	\$3.00	\$3,159.00	\$5.00	\$5,265.00
31.	4" REINFORCED CONCRETE SIDEWALK WITH 2" SAND BEDDING (AS SHOWN ON PLANS), COMPLETE IN PLACE	SF	906	\$8.50	\$7,701.00	\$10.00	\$9,060.00
32.	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,702	\$1.25	\$2,127.50	\$4.00	\$6,808.00
33.	NEW 1600A 480V ELECTRICAL SERVICE INCLUDING PRIMARY CONDUITS, SECONDARY CONDUITS TO ATS AND MCC, 1600A ATS, 1000KW DIESEL GENERATOR WITH ACCESS PLATFORM AND INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$431,200.00	\$431,200.00	\$316,322.00	\$316,322.00
34.	NEW 1600A MOTOR CONTROL CENTER WITH ALL STARTERS, SOFT STARTS, AND 480V BREAKERS, COMPLETE IN PLACE	LS	1	\$78,750.00	\$78,750.00	\$100,350.00	\$100,350.00
35.	ALL DISTRIBUTION INCLUDING WIRE, CONDUIT, DUCT BANKS FROM MCC TO ALL PUMPS, MOTORS, COMPRESSORS, AND INCLUDING ALL PULL BOXES AND COORDINATION WITH EQUIPMENT/CONTROL PANELS, COMPLETE IN PLACE	LS	1	\$128,550.00	\$128,550.00	\$227,460.00	\$227,460.00
36.	ALL 120V DISTRIBUTION AND ASSOCIATED LIGHTING, OUTLETS, AND CONTROLS INCLUDING ALL SENSORS, TRANSDUCERS, WIRE AND CONDUIT, AUTO-SENSORY PANEL AS REQUIRED FOR A COMPLETE AND WORKING SYSTEM PER SPECIFICATION SECTION 16903, COMPLETE IN PLACE	LS	1	\$108,275.00	\$108,275.00	\$83,625.00	\$83,625.00
37.	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	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00

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CONSTRUCTION OF THE WATER SUPPLY PLANT NO. 1 PHASE 1
 TO SERVE MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 157 (MASTER DISTRICT)
 CITY OF CONROE E.T.J.
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 19, 2017
 LJA ENGINEERING, INC.
 L. MARTINEZ
 DECEMBER 19, 2017
 1968-10004 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) LONG & SON, INC.		5) B-5 CONSTRUCTION CO., INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
38.	ADDITIONAL COST FOR THE SETUP AND REMOVAL OF EQUIPMENT AS REQUIRED TO PROVIDE NON-POTABLE WATER FOR OFFSITE DISTRICT CONSTRUCTION ACTIVITIES THROUGH COMPLETION OF THE WATER PLANT, INCLUDES TEMPORARY WATER SUPPLY WELL (TEST WELL), TEMPORARY ELECTRICAL AND GENERATOR, TEMPORARY PRESSURE TANK AND PIPING AS REQUIRED TO PROVIDE 150 GPM FLOW RATE AT 50 PSI, DURING WORK HOURS MONDAY - SATURDAY 7:00 A.M. TO 5:00 P.M., REMOVAL OF EQUIPMENT AN PLUGGING OF THE TEMPORARY WELL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$124,000.00	\$124,000.00	\$161,006.00	\$161,006.00
SUBTOTAL WATER PLANT BASE BID ITEMS					\$3,147,057.50	\$3,311,557.00	
WATER WELL BASE BID ITEMS							
1.	DRILL AND CONSTRUCT 1,200 GPM WATER WELL 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, COMPLETE IN PLACE	LS	1	\$563,400.00	\$563,400.00	\$525,165.00	\$525,165.00
2.	EQUIP WATER WELL WITH 250 HP, 1,200 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, COMPLETE IN PLACE	LS	1	\$212,650.00	\$212,650.00	\$200,700.00	\$200,700.00
3.	ADD OR DEDUCT FOR CHANGES TO 1,395 FEET DEPTH, 20" CONDUCTOR PIPE, COMPLETE IN PLACE	LF	10	\$150.00	\$1,500.00	\$167.30	\$1,673.00
4.	ADD OR DEDUCT FOR CHANGES TO 135 FEET TOTAL LENGTH 14" NON-PERFORATED PRODUCTION CASING, COMPLETE IN PLACE	LF	10	\$60.00	\$600.00	\$66.90	\$669.00
5.	ADD OR DEDUCT FOR CHANGES TO 150 FEET TOTAL LENGTH 14" PERFORATED PRODUCTION CASING (SCREEN), COMPLETE IN PLACE	LF	10	\$180.00	\$1,800.00	\$201.00	\$2,010.00
6.	ADD OR DEDUCT FOR CHANGES TO 520 FEET DEPTH OF PUMP SETTING BY ONE 20 FEET SECTION OF WELL PUMP COLUMN, AIRLINE ASSEMBLY, CABLE, AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$1,784.00	\$1,784.00
7.	ADD OR DEDUCT, INCREASE OR DECREASE, 50 HP WELL MOTOR INCLUDING ASSOCIATED ELECTRICAL COMPONENTS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$4,460.00	\$4,460.00
SUBTOTAL WATER WELL BASE BID ITEMS					\$782,550.00	\$736,461.00	
MISCELLANEOUS ITEMS							
1.	ADD OR DEDUCT FOR CHANGES 1,700 FEET DEPTH WELL TEST HOLE, COMPLETE IN PLACE	LF	10	\$50.00	\$500.00	\$55.80	\$558.00
2.	ADD FOR WELL DEVELOPMENT TIME IN ADDITION TO SPECIFIED TWENTY TOURS AT 8 HOUR PER TOUR EACH, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$446.00	\$446.00
3.	ABANDON AND PLUGGING OF PILOT TEST HOLE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$5,575.00	\$5,575.00
4.	PROVIDE SPECTRALOG, SPECTRAL GAMMA RAY, OR APPROVED EQUAL LOG OF THE TEST HOLE, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$558.00	\$558.00
5.	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	\$12.00	\$120.00
6.	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	\$500.00	\$500.00
7.	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
8.	EXTRA 6" CRUSHED CONCRETE STABILIZED SUBGRADE, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	10	\$20.00	\$200.00	\$55.00	\$550.00

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 TO SERVE MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 157 (MASTER DISTRICT)
 CITY OF CONROE E.T.J.
 MONTGOMERY COUNTY, TEXAS
 DECEMBER 19, 2017
 LJA ENGINEERING, INC.
 L. MARTINEZ
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ITEM	DESCRIPTION	UNIT	QTY	4) LONG & SON, INC.		5) B-5 CONSTRUCTION CO., INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	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
10.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.5	\$1,500.00	\$5,250.00	\$1,500.00	\$5,250.00
11.	CONTROL OF SURFACE WATER FOR DURATION OF CONTRACT, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$200.00	\$200.00	\$500.00	\$500.00
12.	ADD OR DEDUCT FOR ONE FORMATION TESTER ROUND TRIP METHOD SAMPLING OF WATER QUALITY FROM PILOT TEST HOLE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,230.00	\$2,230.00
13.	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$2,800.00	\$2,800.00
SUBTOTAL MISCELLANEOUS ITEMS					\$33,020.00	\$36,587.00	
ALTERNATE BID NO. 1							
1.	59' D X 24' H WELDED STEEL GROUND STORAGE TANK, INCLUDING TANK PIPING, FOUNDATION, VENTS, RAILING, LADDERS, SPLASH PAD AND ALL APPURTENANCES AS SHOWN ON PLANS, TO BE USED IN LIEU OF WATER PLANT BASE BID ITEM NO. 27, COMPLETE IN PLACE	LS	1	\$418,000.00	\$418,000.00	\$478,935.00	\$478,935.00
SUBTOTAL ALTERNATE BID NO. 1					\$418,000.00	\$478,935.00	
BID SUMMARY							
SUBTOTAL WATER PLANT BASE BID ITEMS					\$3,147,057.50	\$3,311,557.00	
SUBTOTAL WATER WELL BASE BID ITEMS					\$782,550.00	\$736,461.00	
SUBTOTAL MISCELLANEOUS ITEMS					\$33,020.00	\$36,587.00	
TOTAL AMOUNT BID					\$3,962,627.50	\$4,084,605.00	
ALTERNATE BID NO. 1							
TOTAL AMOUNT BID					\$3,962,627.50	\$4,084,605.00	
DEDUCT ITEM 27 WATER PLANT BASE BID ITEMS					(\$234,300.00)	(\$279,864.00)	
SUBTOTAL ALTERNATE BID NO. 1					\$418,000.00	\$478,935.00	
TOTAL AMOUNT BID INCLUDING ALTERNATE					\$4,146,327.50	\$4,283,676.00	

