

BID TABULATION FOR:

CONSTRUCTION OF THE SIENNA SOUTH STORM WATER PUMP STATION NO. 6  
SIENNA PARKS & LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
JUNE 11, 2024  
LJA ENGINEERING, INC.  
C. DURHAM  
JUNE 11, 2024  
1501-2104 (9.2)

BID OPENING DATE:  
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) PERSONS SERVICES CORP	\$29,582,899.07
2) MC2 CIVIL, LLC	\$31,083,399.00
3) WHARTON-SMITH, INC.	\$36,145,875.00

CALENDAR DAYS 450/500

I, Scott Frankovich, P.E., hereby certify these bid tabulations to be true and correct.



LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) PERSONS SERVICES CORP		2) MC2 CIVIL, LLC		3) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>STORMWATER PUMP STATION ITEMS</b>									
1	MOBILIZATION, COMPLETE IN PLACE	LS	1	\$2,900,000.00	\$2,900,000.00	\$1,000,000.00	\$1,000,000.00	\$3,350,000.00	\$3,350,000.00
2	ALL SITE WORK FOR PUMP STATION (ON SITE AND ALL ADJACENT AREAS), INCLUDING: CLEARING, GRUBBING, STRIPPING, EXCAVATION, BACKFILL, FILL MATERIAL, GRADING, HYDRO-MULCH SEEDING, DEWATERING, DRAINAGE SWALES AND SITE DRAINAGE, COMPLETE IN PLACE	LS	1	\$48,413.00	\$48,413.00	\$60,000.00	\$60,000.00	\$175,000.00	\$175,000.00
3	EXCAVATION & CONSTRUCTION OF TEMPORARY LEVEE STRUCTURE AS SHOWN ON SHEETS C-7 & C-8 AND PURSUANT TO THE RECOMMENDATIONS SHOWN IN THE PROJECT'S GEOTECH REPORT INCLUDING BUT NOT LIMITED TO REQUIRED BENCHING, TESTING & COMPACTION, COMPLETE IN PLACE. SOURCE MATERIAL FOR THE TEMPORARY LEVEE TO BE LOCATED WITHIN 4.0 MILES OF PROJECT SITE.	LS	1	\$65,925.00	\$65,925.00	\$100,000.00	\$100,000.00	\$360,000.00	\$360,000.00
4	CUT INTO PERMANENT & TEMPORARY LEVEE AND ANY NECESSARY TEMPORARY STEEL SHORING FOR DISCHARGE WINGWALL AND FOOTING CONSTRUCTION, COMPLETE IN PLACE	LS	1	\$22,721.00	\$22,721.00	\$20,000.00	\$20,000.00	\$675,000.00	\$675,000.00
5	RECONSTRUCT PERMANENT LEVEE AND SURROUNDING AREAS AT COMPLETION OF CONCRETE OUTFALL STRUCTURE BY BENCHING METHOD, ALONG WITH RECOMMENDATIONS IN THE PROJECT'S GEOTECHNICAL REPORT, COMPLETE IN PLACE.	LS	1	\$55,557.00	\$55,557.00	\$12,000.00	\$12,000.00	\$45,000.00	\$45,000.00
6	HAULING, PLACEMENT, AND COMPACTION OF ALL EXCAVATION. SPOILS TO BE HAULED USING ON-ROAD TRUCKS TO THE FILL SITE WITHIN 4.0 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	40000	\$12.02	\$480,800.00	\$10.00	\$400,000.00	\$26.00	\$1,040,000.00
7	ENTIRE PUMP STATION INTAKE STRUCTURE AND RETAINING WALLS, INCLUDING: EXCAVATION, STRUCTURAL CONCRETE, STRUCTURAL STEEL, INSTALLATION & REMOVAL OF ANY CONTRACTOR REQUIRED COFFER DAMS, ALL CONNECTIONS TO PROPOSED INTAKE BOX CULVERTS, EARTH BACKFILL, ALL CEMENT STABILIZED SAND BACKFILL, ALL ROCK BACKFILL, ALL 6" CONCRETE SLOPE PAVING, HAND RAILS, SIDEWALKS, TRENCH SAFETY AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE	LS	1	\$361,958.00	\$361,958.00	\$450,000.00	\$450,000.00	\$700,000.00	\$700,000.00
8	ENTIRE PUMP STATION STRUCTURE AND RETAINING WALLS, INCLUDING: EXCAVATION, STRUCTURAL CONCRETE, STRUCTURAL STEEL, ALL BUTTRESSES AND COUNTERFORTS, ALL FOOTINGS, ALL PUMP BAYS, ALL CONNECTIONS TO PROPOSED INTAKE & DISCHARGE BOX CULVERTS, EARTH BACKFILL, ALL CEMENT STABILIZED SAND BACKFILL, ALL ROCK BACKFILL, ALL 6" CONCRETE SLOPE PAVING, LADDERS, GRATING, HAND RAILS, STEEL PLATFORM, SIDEWALK, TRENCH SAFETY AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE	LS	1	\$3,938,131.00	\$3,938,131.00	\$7,000,000.00	\$7,000,000.00	\$6,051,577.00	\$6,051,577.00
9	ENTIRE PUMP STATION OUTFALL STRUCTURE AND RETAINING WALLS, INCLUDING: EXCAVATION, STRUCTURAL CONCRETE, STRUCTURAL STEEL, INSTALLATION & REMOVAL OF ANY CONTRACTOR REQUIRED COFFER DAMS, INSTALLATION & REMOVAL OF TEMPORARY CONCRETE WALL PLUGS, ALL CONNECTIONS TO PROPOSED DISCHARGE BOX CULVERTS, EARTH BACKFILL, ALL CEMENT STABILIZED SAND BACKFILL, ALL 6" CONCRETE SLOPE PAVING, HAND RAILS, SIDEWALK, TRENCH SAFETY AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE	LS	1	\$253,774.00	\$253,774.00	\$350,000.00	\$350,000.00	\$550,000.00	\$550,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) PERSONS SERVICES CORP		2) MC2 CIVIL, LLC		3) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	FIVE PRE-CAST OR CAST IN PLACE 12' X 8' INTAKE BOX CULVERTS TRANSITIONING BETWEEN THE INTAKE STRUCTURE AND THE PUMP STATION. INDIVIDUAL BOXES TO MEET OR EXCEED THE HL-93 LOADING CRITERIA AND BE DESIGNED FOR 25' OF FILL. IF CAST-IN-PLACE CULVERTS ARE USED, CONTRACTOR TO SUBMIT DRAWINGS SEALED BY A REGISTERED PROFESSIONAL ENGINEER FOR REVIEW. BID ITEM INCLUDES EXCAVATION, ALL REQUIRED CEMENT STABILIZED SAND, CLOSURE POURS AT CONNECTING STRUCTURES, AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	LS	1	\$2,302,028.00	\$2,302,028.00	\$2,350,000.00	\$2,350,000.00	\$2,700,000.00	\$2,700,000.00
11	DUAL CAST IN PLACE 10' X 10' DISCHARGE BOX CULVERTS TRANSITIONING BETWEEN THE PUMP STATION AND THE OUTFALL STRUCTURE (APPROX. 320 LF CENTERLINE LENGTH). INDIVIDUAL BOXES TO MEET OR EXCEED THE HL-93 LOADING CRITERIA AND BE DESIGNED FOR 23' OF FILL. BID ITEM INCLUDES EXCAVATION, ALL REQUIRED STABILIZED SAND, CLOSURE POURS AT CONNECTING STRUCTURES, AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	LS	1	\$1,477,698.00	\$1,477,698.00	\$2,000,000.00	\$2,000,000.00	\$1,300,000.00	\$1,300,000.00
12	PUMPS WITH MINIMUM PUMP EFFICIENCY OF 85% AT 45,000 GPM AND 15 FT OF T.D.H., AND MOTORS COMPLIANT WITH SECTION 15170 AND RATED AT NO MORE THAN 350 HP, ALL DISCHARGE PIPING, AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS, COMPLETE IN PLACE	EA	9	\$540,969.00	\$4,868,721.00	\$500,000.00	\$4,500,000.00	\$500,000.00	\$4,500,000.00
13	20 HP SUBMERSIBLE PUMP WITH MINIMUM EFFICIENCY OF 70% AT 1,500 GPM AND 25.0 FT OF T.D.H., INCLUDING DISCHARGE ELBOW, GUIDE RAILS, ALL PIPING AND FLAP VALVES, AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS, COMPLETE IN PLACE	EA	1	\$81,572.00	\$81,572.00	\$55,000.00	\$55,000.00	\$95,000.00	\$95,000.00
14	INTAKE DEBRIS SCREENS, ALL RELATED MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE	LS	1	\$454,949.00	\$454,949.00	\$175,000.00	\$175,000.00	\$350,000.00	\$350,000.00
15	48" PUMP DISCHARGE FLAP GATES, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	9	\$18,408.00	\$165,672.00	\$16,000.00	\$144,000.00	\$17,500.00	\$157,500.00
16	12" FLAP GATE, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$3,039.00	\$3,039.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
17	8" CONCRETE PAVING, INCLUDING DRIVEWAYS, WITH 6" LIME OR CEMENT STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	4290	\$89.20	\$382,668.00	\$65.00	\$278,850.00	\$140.00	\$600,600.00
18	6" CONCRETE SLOPE PAVING AND FOOTING WITH 6" OF LIME OR CEMENT STABILIZED SAND SUBGRADE, AS INDICATED ON PLANS, COMPLETE IN PLACE	SY	3144	\$144.80	\$455,251.20	\$90.00	\$282,960.00	\$130.00	\$408,720.00
19	6" CRUSHED CONCRETE ACCESS ROAD WITH MIRAFI 500 GEOTEXTILE FABRIC (OR APPROVED EQUAL) AND 6" OF LIME OR CEMENT STABILIZED SAND SUBGRADE EXTENDING 2' OUTSIDE DRIVEWAY, COMPLETE IN PLACE	SY	469	\$52.20	\$24,481.80	\$32.00	\$15,008.00	\$85.00	\$39,865.00
20	TRANSFORMER PADS INCLUDING CEMENT STABILIZED SAND SUBGRADE, STRUCTURAL CONCRETE, STRUCTURAL STEEL, ALL DRILLED SHAFTS, AND ALL OTHER REQUIRED ITEMS, COMPLETE IN PLACE	EA	3	\$2,897.00	\$8,691.00	\$8,500.00	\$25,500.00	\$20,000.00	\$60,000.00
21	PAVEMENT HEADER, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	65	\$58.00	\$3,770.00	\$10.00	\$650.00	\$95.00	\$6,175.00
22	5' WIDE SIDEWALK WITH 2" COMPACTED SAND, COMPLETE IN PLACE	LF	212	\$11.60	\$2,459.20	\$40.00	\$8,480.00	\$100.00	\$21,200.00
23	4' WIDE SIDEWALK WITH 2" COMPACTED SAND, COMPLETE IN PLACE	LF	25	\$40.00	\$1,000.00	\$40.00	\$1,000.00	\$300.00	\$7,500.00
24	4" REMOVABLE PIPE BOLLARD, COMPLETE IN PLACE	EA	100	\$308.60	\$30,860.00	\$550.00	\$55,000.00	\$1,500.00	\$150,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
25	8 FOOT TALL BRICK PANEL FENCE, INCLUDING 3-20' DOUBLE SWING GATES, 3-4' MANWAY GATES, AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	915	\$328.00	\$300,120.00	\$260.00	\$237,900.00	\$275.00	\$251,625.00
26	8 FOOT TALL CHAIN LINK FENCE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	30	\$63.90	\$1,917.00	\$75.00	\$2,250.00	\$175.00	\$5,250.00
27	TYPE "A" INLET, INCLUDING EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	3	\$4,750.00	\$14,250.00	\$2,300.00	\$6,900.00	\$6,000.00	\$18,000.00
28	24" CORRUGATED, GALVANIZED, METAL PIPE FOR INTERCEPTOR STRUCTURES AND "A" INLET, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	95	\$140.00	\$13,300.00	\$130.00	\$12,350.00	\$275.00	\$26,125.00
29	BACK SLOPE INTERCEPTOR STRUCTURES, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$4,235.00	\$4,235.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
30	OUTFALL FOR 24" METAL PIPE, INCLUDING EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$4,924.00	\$4,924.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
31	18" RCP, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	253	\$61.50	\$15,559.50	\$100.00	\$25,300.00	\$165.00	\$41,745.00
32	DRYWELL FOR A/C CONDENSATE DRIP LINE, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	3	\$1,632.69	\$4,898.07	\$500.00	\$1,500.00	\$4,000.00	\$12,000.00
33	1-1/2" C-901 PVC (OR POLYTUBE), NON-POTABLE WATER LINE, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	245	\$16.00	\$3,920.00	\$40.00	\$9,800.00	\$50.00	\$12,250.00
34	1-1/2" SCH 40 PVC, NON-POTABLE WATER LINE, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	30	\$33.15	\$994.50	\$50.00	\$1,500.00	\$225.00	\$6,750.00
35	1-1/2" HOSE BIBB, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$848.00	\$848.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
36	1-1/2" WATER METER, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$1,983.00	\$1,983.00	\$1,600.00	\$1,600.00	\$3,000.00	\$3,000.00
37	1-1/2" BACKFLOW PREVENTOR, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$5,473.00	\$5,473.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
38	1-1/2" TS&V CONNECTION TO EXISTING 8" WATERLINE, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$2,470.00	\$2,470.00	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00
39	SANITARY SEWER MANHOLE, INCLUDING EXCAVATION, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	2	\$4,248.00	\$8,496.00	\$3,500.00	\$7,000.00	\$11,500.00	\$23,000.00
40	6" PVC SDR 26 SANITARY SEWER, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	180	\$32.52	\$5,853.60	\$65.00	\$11,700.00	\$105.00	\$18,900.00
41	6" CONNECTION TO EXISTING SANITARY SEWER MANHOLE, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$4,658.00	\$4,658.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
42	TRENCH SAFETY FOR ENTIRE PUMP STATION OPERATION, (ALL DEPTHS, ALL DIAMETERS), COMPLETE IN PLACE	LS	1	\$5,809.00	\$5,809.00	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00
43	REGRADE EXISTING SWALES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	378	\$6.15	\$2,324.70	\$7.00	\$2,646.00	\$35.00	\$13,230.00
44	SAWCUT EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	70	\$8.15	\$570.50	\$9.00	\$630.00	\$40.00	\$2,800.00
45	DEMOLISH AND REMOVE EXISTING 6" CONCRETE CURB	LF	66	\$14.90	\$983.40	\$15.00	\$990.00	\$95.00	\$6,270.00
46	DEMOLISH AND REMOVE EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, COMPLETE IN PLACE	LS	1	\$1,855.00	\$1,855.00	\$2,000.00	\$2,000.00	\$14,000.00	\$14,000.00
47	DEMOLISH AND REMOVE EXISTING 18" CGMP STORM SEWER PIPE OUTFALL, INCLUDING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	LF	61	\$16.20	\$988.20	\$30.00	\$1,830.00	\$175.00	\$10,675.00

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48	DEMOLISH AND REMOVE EXISTING 18" CGMP STORM SEWER PIPE OUTFALL, INCLUDING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	LS	1	\$2,362.00	\$2,362.00	\$1,800.00	\$1,800.00	\$10,675.00	\$10,675.00
49	GENERATORS AS SPECIFIED, INCLUDING CONTROLS, LOAD BANKS, MAIN AND LOAD BANK BREAKERS, ENCLOSURE WITH INTERIOR LIGHTING AND RECEPTACLES, UL 2085 DIESEL FUEL SUBBASE TANKS AS SPECIFIED (MINIMUM 48-HOUR FUEL CAPACITY), FUEL PIPING AND VALVES TO AND FROM EACH GENERATOR, FUEL CLEANING SYSTEM FOR EACH ENGINE AND ALL RELATED COMPONENTS, AND ALL RELATED AND MISCELLANEOUS APPURTENANCES AND ITEMS RELATED TO AND NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	EA	3	\$1,514,204.00	\$4,542,612.00	\$1,200,000.00	\$3,600,000.00	\$1,300,000.00	\$3,900,000.00
50	STRUCTURAL STEEL PLATFORMS FOR GENERATOR MAINTENANCE AND ACCESS, DESIGN TO BE SUBMITTED BY GENERATOR MANUFACTURER AND SUPPLIER, AND ALL NECESSARY ITEMS TO COMPLETE THE PROJECT, PLATFORMS TO BE COMMON BETWEEN THE GENERATORS, COMPLETE IN PLACE	EA	3	\$4,714.00	\$14,142.00	\$43,000.00	\$129,000.00	\$50,000.00	\$150,000.00
51	SHARED GENERATOR SLAB AND ALL DRILLED SHAFTS PER PLANS, COMPLETE IN PLACE	LS	1	\$43,635.00	\$43,635.00	\$360,000.00	\$360,000.00	\$375,000.00	\$375,000.00
52	ALL ELECTRICAL ITEMS, INCLUDING: ELECTRICAL SERVICES TO PUMP STATION BUILDINGS (ALL ITEMS NOT INCLUDED IN CENTERPOINT TERMS AND CONDITIONS), ALL YARD CONDUIT, WIRE, DUCT BANKS, DRILLED SHAFTS, AREA LIGHTING AND ALL RELATED AND MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE	LS	1	\$4,521,503.00	\$4,521,503.00	\$3,400,000.00	\$3,400,000.00	\$3,600,000.00	\$3,600,000.00
53	ELECTRICAL BUILDING NO. 1 WITH STORAGE ROOM AND WATER CLOSET, INCLUDING BUILDING SLAB, TRANSFORMER PAD, ALL DRILLED SHAFTS, MAIN BREAKER, ALL BUILDING RELATED CONDUIT AND WIRING, AUTOMATIC TRANSFER SWITCH, FEEDER BREAKERS, SOLID STATE SOFT STARTERS, SWITCHBOARDS, BREAKERS, TRANSFER SWITCHES, STARTERS, CONTROLS, INSTRUMENTS, LIGHTING TRANSFORMER AND PANEL, LIGHTING, RECEPTACLES AND ALL OTHER RELATED AND MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	LS	1	\$298,137.00	\$298,137.00	\$610,000.00	\$610,000.00	\$800,000.00	\$800,000.00
54	ELECTRICAL BUILDING NO. 2, INCLUDING BUILDING SLAB, TRANSFORMER PAD, ALL DRILLED SHAFTS, MAIN BREAKER, ALL BUILDING RELATED CONDUIT AND WIRING, AUTOMATIC TRANSFER SWITCH, FEEDER BREAKERS, SOLID STATE SOFT STARTERS, SWITCHBOARDS, BREAKERS, TRANSFER SWITCHES, STARTERS, CONTROLS, INSTRUMENTS, LIGHTING TRANSFORMER AND PANEL, LIGHTING, RECEPTACLES AND ALL OTHER RELATED AND MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	LS	1	\$145,125.00	\$145,125.00	\$650,000.00	\$650,000.00	\$800,000.00	\$800,000.00
55	ELECTRICAL BUILDING NO. 3, INCLUDING BUILDING SLAB, TRANSFORMER PAD, ALL DRILLED SHAFTS, MAIN BREAKER, ALL BUILDING RELATED CONDUIT AND WIRING, AUTOMATIC TRANSFER SWITCH, FEEDER BREAKERS, SOLID STATE SOFT STARTERS, SWITCHBOARDS, BREAKERS, TRANSFER SWITCHES, STARTERS, CONTROLS, INSTRUMENTS, LIGHTING TRANSFORMER AND PANEL, LIGHTING, RECEPTACLES AND ALL OTHER RELATED AND MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN PLANS AND SPECIFICATIONS, COMPLETE IN PLACE.	LS	1	\$145,125.00	\$145,125.00	\$760,000.00	\$760,000.00	\$900,000.00	\$900,000.00
56	REMOTE MONITORING SYSTEMS (RMS) ALLOWANCE. RMS CONSULTANT TO PROVIDE CABLING INSTRUCTION, SCADA SYSTEM AND PROGRAMMING FOR THE THREE ELECTRICAL BLDG. SYSTEMS ALONG WITH THE CENTRAL BASE SYSTEM, MONITORING SENSORS AND CAMERAS. RMS WILL INSTALL ALL COMPONENTS PROVIDED BY RMS AND SET UP EQUIPMENT, COMPLETE IN PLACE	LS	1	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00

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**LJA JOB NO.**

CONSTRUCTION OF THE SIENNA SOUTH STORM WATER PUMP STATION NO. 6  
 SIENNA PARKS & LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 JUNE 11, 2024  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 JUNE 11, 2024  
 1501-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PERSONS SERVICES CORP		2) MC2 CIVIL, LLC		3) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
57	COORDINATION WITH REMOTE MONITORING SYSTEMS CONSULTANT AND INSTALLATION OF CONDUITS AND CABLING TO RMS PROVIDED EQUIPMENT, COMPLETE IN PLACE	LS	1	\$8,133.00	\$8,133.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
58	ADJUSTMENT AND MAINTENANCE OF CONDUIT AND WIRE FOR POWER TO OUTFALL NO. 2 DURING CONSTRUCTION, AND ADJUSTMENT TO THE ULTIMATE CONDITION, COMPLETE IN PLACE	LS	1	\$11,619.00	\$11,619.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
59	ALL FIELD INSTRUMENTATION (OTHER THAN PROVIDED AND INSTALLED BY RMS) FURNISHED AND INSTALLED COMPLETE IN PLACE.	LS	1	\$23,237.00	\$23,237.00	\$21,000.00	\$21,000.00	\$20,000.00	\$20,000.00
60	LANDSCAPING PACKAGE FOR PUMP STATION NO. 6 SITE AS SHOWN ON ARCHITECTURAL SHEET NO. A-3, INCLUDES IRRIGATION FOR ALL AREAS WHERE SOD IS INSTALLED, COMPLETE IN PLACE	LS	1	\$4,647.00	\$4,647.00	\$27,000.00	\$27,000.00	\$30,000.00	\$30,000.00
61	LANDSCAPING PACKAGE FOR PUMP STATION NO. 4 SITE AS SHOWN ON ARCHITECTURAL SHEET NO. A-4, INCLUDES IRRIGATION FOR ALL AREAS WHERE SOD IS INSTALLED, COMPLETE IN PLACE	LS	1	\$4,647.00	\$4,647.00	\$160,000.00	\$160,000.00	\$95,000.00	\$95,000.00
62	VIBRATION MONITORING FOR DURATION OF PROJECT ON ALL SURROUNDING EXISTING STRUCTURES, COMPLETE IN PLACE	LS	1	\$155,000.00	\$155,000.00	\$155,000.00	\$155,000.00	\$155,000.00	\$155,000.00
63	8" CONCRETE CHANNEL LINING WITH 4" OF SEAL SLAB, AS INDICATED ON PLANS, COMPLETE IN PLACE	SY	887	\$116.20	\$103,069.40	\$160.00	\$141,920.00	\$160.00	\$141,920.00
<b>STORMWATER PUMP STATION ITEMS SUBTOTAL:</b>					<b>\$28,999,563.07</b>		<b>\$29,863,664.00</b>		<b>\$35,087,852.00</b>
<b>MISCELLANEOUS ITEMS</b>									
1	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 CONTRACTOR'S NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$12,781.00	\$12,781.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2	FILTER FABRIC FENCE (SILT BARRIER FENCE), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1470	\$2.70	\$3,969.00	\$4.50	\$6,615.00	\$3.40	\$4,998.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$1,394.00	\$1,394.00	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00
4	INSTALLATION, MAINTENANCE THROUGHOUT THE DURATION OF THE PROJECT, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	3	\$3,486.00	\$10,458.00	\$5,000.00	\$15,000.00	\$1,650.00	\$4,950.00
5	INSTALLATION AND REMOVAL OF ANY REQUIRED COFFER DAMS TO FACILITATE PUMP STATION CONSTRUCTION. COFFER DAMS TO BE REMOVED AT ENGINEER OR OPERATOR DIRECTION IN THE EVENT OF A STORM OR FLOOD EVENT, COMPLETE IN PLACE	LS	1	\$3,808.00	\$3,808.00	\$200,000.00	\$200,000.00	\$100.00	\$100.00
6	INLET PROTECTION BARRIERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	7	\$139.00	\$973.00	\$160.00	\$1,120.00	\$225.00	\$1,575.00
7	ROCK FILTER DAM AS PER TXDOT STANDARD EX (2)-93, COMPLETE IN PLACE	EA	6	\$2,672.50	\$16,035.00	\$1,500.00	\$9,000.00	\$1,650.00	\$9,900.00
8	INTAKE STRUCTURE DEWATERING SYSTEM, INCLUDING INTAKE BOXES, (MINIMUM 24" BELOW ALL EARTHWORK AND COMPACTION SURFACES), COMPLETE IN PLAC	LS	1	\$2,324.00	\$2,324.00	\$10,000.00	\$10,000.00	\$100.00	\$100.00
9	DISCHARGE BOX DEWATERING SYSTEM FOR DURATION OF INSTALLATION INCLUDING MULTIPLE PHASES OF CONSTRUCTION, (MINIMUM 24" BELOW ALL EARTHWORK AND COMPACTION SURFACES), COMPLETE IN PLACE	LS	1	\$2,324.00	\$2,324.00	\$40,000.00	\$40,000.00	\$100.00	\$100.00
10	OUTFALL STRUCTURE SITE DEWATERING SYSTEM (MINIMUM 24" BELOW ALL EARTHWORK AND COMPACTION SURFACES), COMPLETE IN PLACE	LS	1	\$2,324.00	\$2,324.00	\$10,000.00	\$10,000.00	\$100.00	\$100.00

**BID TABULATION FOR:**

**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
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ITEM	DESCRIPTION	UNIT	QTY	1) PERSONS SERVICES CORP		2) MC2 CIVIL, LLC		3) WHARTON-SMITH, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	MAIN PUMP STATION STRUCTURE SITE DEWATERING SYSTEM (MINIMUM 24" BELOW ALL EARTHWORK AND COMPACTION SURFACES), COMPLETE IN PLACE	LS	1	\$2,324.00	\$2,324.00	\$50,000.00	\$50,000.00	\$100.00	\$100.00
12	CONTROL OF CHANNEL 3-4 AND SURROUNDING GROUNDWATER AND SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1,162.00	\$1,162.00	\$40,000.00	\$40,000.00	\$100.00	\$100.00
13	CONTROL OF EXTERNAL CHANNEL AND SURROUNDING GROUNDWATER AND SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$754.00	\$754.00	\$40,000.00	\$40,000.00	\$100.00	\$100.00
14	EXTRA CEMENT STABILIZED SAND, (2 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
15	EXTRA HYDROMULCH SEEDING OF ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,673.00	\$2,673.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
16	EXTRA 6" CONCRETE SLOPE PAVING, AND FOOTING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	1000	\$5.00	\$5,000.00	\$300.00	\$300,000.00	\$465.00	\$465,000.00
17	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$400.00	\$200,000.00	\$400.00	\$200,000.00	\$400.00	\$200,000.00
18	18" - 24" THICK RIP-RAP, INCLUDING GEOTEXTILE FABRIC, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	SY	500	\$91.00	\$45,500.00	\$50.00	\$25,000.00	\$152.00	\$76,000.00
19	METHOD "A" CONSTRUCTION STAKING AS PER JON BORDOVSKY WITH GBI SURVEYING, 281.499.4539, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
20	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT (BASED ON AMOUNT OF PLAN SHEETS), COMPLETE IN PLACE	LS	1	\$29,047.00	\$29,047.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
21	ALL REQUIRED FORT BEND COUNTY PERMITS, COMPLETE IN PLACE	LS	1	\$3,486.00	\$3,486.00	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00
22	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00
23	STANDARD DEDUCT FOR STREET CLEANING, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	\$125.00	\$0.00	\$125.00	\$0.00	\$125.00	\$0.00
24	ALLOWANCE FOR ESTABLISHING ELECTRICAL SERVICE AS DIRECTED BY CENTERPOINT ENERGY PER NOTE 1 BELOW, COMPLETE IN PLACE. NOTE 1 - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING, PERMITTING, COORDINATING, AND PAYING ALL CHARGES FOR THREE NEW 2,500 KVA ELECTRICAL SERVICES FROM CNP USING PAD-MOUNTED TRANSFORMERS PROVIDED BY CNP (480 VOLT, 3-PHASE, 4-WIRE). THIS ALLOWANCE IS NOT MEANT TO COVER THE CHARGES FOR ANCILLARY CNP ELECTRICAL SERVICE REQUIREMENTS SUCH AS UNDERGROUND CONDUIT AND WIRING, TRANSFORMER PADS, BOLLARDS, WARNING SIGNS, ACCESS ROADWAYS, ETC. THE COSTS OF ALL SUCH ITEMS SHALL BE INCLUDED IN THE GENERAL CONTRACTOR'S QUOTED LUMP SUM PRICE FOR THE PROJECT. THE ALLOWANCE NOTED ABOVE IS A REIMBURSABLE ITEM TO THE GENERAL CONTRACTOR NOT INCLUDING ANY MARKUP	EA	3	\$70,000.00	\$210,000.00	\$70,000.00	\$210,000.00	\$70,000.00	\$210,000.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$583,336.00</b>		<b>\$1,219,735.00</b>		<b>\$1,058,023.00</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL STORMWATER PUMP STATION ITEMS					\$28,999,563.07		\$29,863,664.00		\$35,087,852.00
SUBTOTAL MISCELLANEOUS ITEMS					\$583,336.00		\$1,219,735.00		\$1,058,023.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$29,582,899.07</b>		<b>\$31,083,399.00</b>		<b>\$36,145,875.00</b>