

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES,
AND PAVING & APPURTENANCES TO SERVE DEL BELLO LAKES SECTION 9
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS

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

SEPTEMBER 1, 2023
LJA ENGINEERING, INC.
C CORTEZ
SEPTEMBER 1, 2023
2197-2109B & 2197-2109C (9.2)

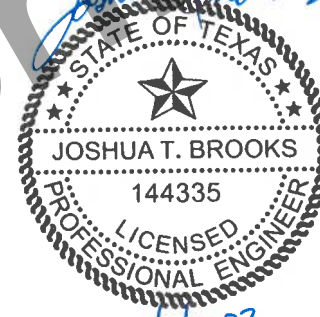
BIDDER'S NAME	TOTAL AMOUNT BID
1) R CONSTRUCTION CIVIL, LLC	\$2,176,191.00
2) PRECISE SERVICES INC.	\$2,199,738.50

CALENDAR DAYS 105/120



JOSHUA BROOKS, P.E., hereby certify these bid tabulations to be true and correct.

9/6/2023



9/6/2023

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 9 WATER SYSTEM ITEMS							
1	6" PVC WATER LINE, AWWA C-900, DR 18, CLASS 150, INCLUDES FITTINGS AND VALVES & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	415	\$45.00	\$18,675.00	\$45.00	\$18,675.00
2	P.V.C. CASING FOR 6" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	141	\$75.00	\$10,575.00	\$145.00	\$20,445.00
3	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, INCLUDES FITTINGS AND VALVES & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	881	\$55.00	\$48,455.00	\$47.50	\$41,847.50
4	8" PVC RESTRAINED JOINT WATER LINE, AWWA C-900, DR 14, CLASS 305, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS, VERTICAL ASSEMBLY, AND BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	342	\$60.00	\$20,520.00	\$85.00	\$29,070.00
5	6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,850.00	\$3,700.00	\$1,800.00	\$3,600.00
6	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,700.00	\$5,400.00	\$2,550.00	\$5,100.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$9,200.00	\$36,800.00	\$8,250.00	\$33,000.00
8	REMOVE AND RELOCATE EXISTING FLUSHING VALVE UNIT, INCLUDES SUPPLYING APPROPRIATE 6" GATE VALVE & BOX, REMOVE AND DISPOSE EXISTING REDUCER, AND CONNECT PROPOSED WATER LINE, ALL DEPTHS, INCLUDES ALL FITTING REPAIRS, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$5,750.00	\$11,500.00
9	1" DIAMETER "NEAR-SIDE" SINGLE OR DOUBLE WATER SERVICE CONNECTION (PER DETAIL ON THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	23	\$970.00	\$22,310.00	\$785.00	\$18,055.00
10	1" DIAMETER "FAR-SIDE" SINGLE OR DOUBLE WATER SERVICE CONNECTION (PER DETAIL ON THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, ALL DEPTHS, COMPLETE IN PLACE	LF	1397	\$36.00	\$50,292.00	\$38.50	\$53,784.50
11	WET CONNECTION OF PROPOSED 8" WATER LINE TO EXISTING WATER LINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTIONS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE	EA	2	\$350.00	\$700.00	\$1,000.00	\$2,000.00
12	DUCTILE IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.45	\$12,800.00	\$5,760.00	\$25,000.00	\$11,250.00
13	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3377	\$0.10	\$337.70	\$0.10	\$337.70
14	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	990	\$20.00	\$19,800.00	\$20.00	\$19,800.00
SECTION 9 WATER SYSTEM ITEMS SUBTOTAL:					\$244,924.70		\$268,464.70
SECTION 9 SANITARY SEWER SYSTEM ITEMS							
1	8" P.V.C SEWER PIPE, ASTM D 3034, SDR 26, CLASS 160, 0' – 12' DEPTH, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	1442	\$45.00	\$64,890.00	\$50.00	\$72,100.00

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 SEPTEMBER 1, 2023
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, STACK, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	11	\$1,900.00	\$20,900.00	\$1,800.00	\$19,800.00
3	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, STACK, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	732	\$61.00	\$44,652.00	\$80.00	\$58,560.00
4	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), INCLUDES PROTECTIVE COATING PER CITY OF MANVEL STANDARDS, COMPLETE IN PLACE	EA	7	\$5,200.00	\$36,400.00	\$6,500.00	\$49,500.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES (OVER 8' DEPTH), COMPLETE IN PLACE	VF	10	\$250.00	\$2,500.00	\$325.00	\$3,250.00
6	FINAL ADJUSTMENTS TO SANITARY SEWER MANHOLES, COMPLETE IN PLACE	EA	7	\$150.00	\$1,050.00	\$300.00	\$2,100.00
7	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,900.00	\$1,900.00	\$2,800.00	\$2,800.00
8	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), CLEANING OF LINES PRIOR TO INSPECTION IS INCIDENTAL, COMPLETE IN PLACE	LF	1442	\$2.00	\$2,884.00	\$3.50	\$5,047.00
9	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	2175	\$0.10	\$217.50	\$0.10	\$217.50
10	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	725	\$20.00	\$14,500.00	\$20.00	\$14,500.00
11	ADDITIONAL COST FOR MODIFIED "A-A" SANITARY BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	725	\$20.00	\$14,500.00	\$20.00	\$14,500.00
SECTION 9 SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$204,393.50	\$238,374.50	
SECTION 9 STORM SEWER SYSTEM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	412	\$105.00	\$43,260.00	\$105.00	\$43,260.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	309	\$135.00	\$41,715.00	\$125.00	\$38,625.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	435	\$185.00	\$80,475.00	\$180.00	\$78,300.00
4	STAGE I – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 1 (STANDARD 5') INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	7	\$1,500.00	\$10,500.00	\$3,050.00	\$21,350.00
5	STAGE II – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 1 (STANDARD 5') INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$3,200.00	\$22,400.00	\$1,900.00	\$13,300.00
6	STAGE I – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 2 (STANDARD 10') INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$3,200.00	\$3,200.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	STAGE II – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 2 (STANDARD 10") INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,200.00	\$3,200.00	\$3,150.00	\$3,150.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$4,300.00	\$21,500.00	\$7,150.00	\$35,750.00
9	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$135.00	\$675.00	\$300.00	\$1,500.00
10	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED 30" REINFORCED CONCRETE PIPE TO EXISTING 42" REINFORCED CONCRETE PIPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$7,150.00	\$7,150.00
11	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED 30" REINFORCED CONCRETE PIPE TO EXISTING 6' X 4' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$6,500.00	\$6,500.00
12	BACKSLOPE INTERCEPTOR STRUCTURE (INCLUDES #4 REBAR AND APPROXIMATELY 12 SY CONCRETE SLOPE PAVING), WITHIN BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4, COMPLETE IN PLACE	EA	1	\$2,700.00	\$2,700.00	\$2,350.00	\$2,350.00
13	BACKSLOPE DRAINAGE SWALE WITHIN BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4, COMPLETE IN PLACE	LF	670	\$4.00	\$2,680.00	\$8.85	\$5,929.50
14	24" R.C.P. STORM SEWER FOR BACKSLOPE INTERCEPTOR, ASTM C-76, CLASS III, ALL DEPTHS, WITHIN BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, COMPLETE IN PLACE	LF	50	\$110.00	\$5,500.00	\$105.00	\$5,250.00
15	24" REINFORCED CONCRETE PIPE STORM SEWER OUTFALL STRUCTURE, PER DETAIL, INCLUDES APPROXIMATELY 28 SY OF 5" CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, WITH RIP RAP AND ALL OTHER APPURTENANCES, ALL DEPTHS, WITHIN BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4, COMPLETE IN PLACE	EA	1	\$8,600.00	\$8,600.00	\$4,750.00	\$4,750.00
16	CONCRETE RETAINING WALL SYSTEM, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4, (LESS THAN 4' TALL), WITH WEEP HOLES, TO INCLUDE HOLES FOR FUTURE FENCE POSTS, TO BE CONSTRUCTED USING TXDOT DETAIL ON SHEET 35 OF 35, WITHIN BRAZORIA DRAINAGE DISTRICT NO. 4 EASEMENT, AS REQUESTED BY BRAZORIA DRAINAGE DISTRICT NO. 4, COMPLETE IN PLACE	SF	1610	\$65.00	\$104,650.00	\$80.00	\$128,800.00
17	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), CLEANING OF LINES PRIOR TO INSPECTION IS INCIDENTAL, COMPLETE IN PLACE	LF	1206	\$3.00	\$3,618.00	\$5.00	\$6,030.00
18	TRENCH SAFETY SYSTEM FOR ALL STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1206	\$0.10	\$120.60	\$0.10	\$120.60
19	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	600	\$20.00	\$12,000.00	\$20.00	\$12,000.00
20	ADDITIONAL COST FOR MODIFIED "A-A" STORM BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	600	\$10.00	\$6,000.00	\$25.00	\$15,000.00
SECTION 9 STORM SEWER SYSTEM ITEMS SUBTOTAL:					\$372,893.60	\$432,315.10	

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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 9 PAVING ITEMS							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4843	\$73.00	\$353,539.00	\$56.00	\$271,208.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	255	\$5.00	\$1,275.00	\$5.50	\$1,402.50
3	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2722	\$5.00	\$13,610.00	\$5.50	\$14,971.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES MANIPULATION, PROOF ROLLING (AS PER CITY OF MANVEL REQUIREMENTS), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	5173	\$5.00	\$25,865.00	\$4.00	\$20,692.00
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 45LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	116	\$350.00	\$40,600.00	\$280.00	\$32,480.00
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1600	\$7.00	\$11,200.00	\$7.50	\$12,000.00
7	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING (AS PER DETAILS ON SHEET NO. 28 OF 35), MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN THE CONSTRUCTION PLANS, ETC., COMPLETE IN PLACE	LS	1	\$3,700.00	\$3,700.00	\$3,350.00	\$3,350.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	6	\$20.00	\$120.00	\$20.00	\$120.00
9	REMOVE AND DISPOSE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$100.00	\$200.00
10	6" SCHEDULE 40 P.V.C. IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	29	\$75.00	\$2,175.00	\$60.00	\$1,740.00
11	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
12	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	8.5	\$650.00	\$5,525.00	\$1,200.00	\$10,200.00
13	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS AND FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL, COMPLETE IN PLACE	EA	42	\$400.00	\$16,800.00	\$260.00	\$10,920.00
SECTION 9 PAVING ITEMS SUBTOTAL:					\$475,911.00		\$381,483.50
MANVEL PARKWAY WATER SYSTEM ITEMS							
1	12" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, INCLUDES FITTINGS AND VALVES & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1243	\$82.00	\$101,926.00	\$100.00	\$124,300.00
2	12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,900.00	\$4,900.00	\$4,500.00	\$4,500.00
3	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$11,200.00	\$44,800.00	\$8,250.00	\$33,000.00
4	REMOVE AND RELOCATE EXISTING FLUSHING VALVE UNIT, INCLUDES SUPPLYING APPROPRIATE 6" GATE VALVE & BOX, REMOVE AND DISPOSE EXISTING REDUCER, AND CONNECT PROPOSED WATER LINE, ALL DEPTHS, INCLUDES ALL FITTING REPAIRS, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$5,750.00	\$5,750.00

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5	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING WATER LINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTIONS NECESSARY, (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$1,200.00	\$1,200.00
6	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	1243	\$0.10	\$124.30	\$0.10	\$124.30
7	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	625	\$20.00	\$12,500.00	\$20.00	\$12,500.00
MANVEL PARKWAY WATER SYSTEM ITEMS SUBTOTAL:					\$165,600.30		\$181,374.30
MANVEL PARKWAY STORM SEWER SYSTEM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	960	\$97.00	\$93,120.00	\$105.00	\$100,800.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	199	\$181.00	\$36,019.00	\$180.00	\$35,820.00
3	STAGE I – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 1 (STANDARD 5') INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	3	\$1,450.00	\$4,350.00	\$3,000.00	\$9,000.00
4	STAGE II – REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE H-2 TYPE 1 (STANDARD 5') INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,200.00	\$9,600.00	\$1,900.00	\$5,700.00
5	REINFORCED CONCRETE TYPE "E" INLET ON PROPOSED STORM SEWER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,400.00	\$10,200.00	\$4,500.00	\$13,500.00
6	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$4,300.00	\$21,500.00	\$3,250.00	\$16,250.00
7	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$135.00	\$675.00	\$400.00	\$2,000.00
8	DRAINAGE SWALE, V-BOTTOM, 4:1 SIDE SLOPES GRADED TO DRAIN, INCLUDES SOD FOR EROSION CONTROL COMPLETE IN PLACE	LF	1040	\$4.00	\$4,160.00	\$46.50	\$48,360.00
9	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), CLEANING OF LINES PRIOR TO INSPECTION IS INCIDENTAL, COMPLETE IN PLACE	LF	1159	\$3.00	\$3,477.00	\$5.00	\$5,795.00
10	TRENCH SAFETY SYSTEM FOR ALL STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1159	\$0.10	\$115.90	\$0.10	\$115.90
11	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	580	\$20.00	\$11,600.00	\$20.00	\$11,600.00
12	ADDITIONAL COST FOR MODIFIED "A-A" STORM BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	580	\$10.00	\$5,800.00	\$25.00	\$14,500.00
MANVEL PARKWAY STORM SEWER SYSTEM ITEMS SUBTOTAL:					\$200,616.90		\$263,440.90

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES,
 AND PAVING & APPURTENANCES TO SERVE DEL BELLO LAKES SECTION 9
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 SEPTEMBER 1, 2023
 LJA ENGINEERING, INC.
 C CORTEZ
 SEPTEMBER 1, 2023
 2197-2109B & 2197-2109C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MANVEL PARKWAY PAVING ITEMS							
1	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	2850	\$79.00	\$225,150.00	\$60.00	\$171,000.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2050	\$5.00	\$10,250.00	\$5.50	\$11,275.00
3	6" LIME STABILIZED SUBGRADE, INCLUDES MANIPULATION, PROOF ROLLING (AS PER CITY OF MANVEL REQUIREMENTS), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	3082	\$5.00	\$15,410.00	\$4.00	\$12,328.00
4	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 45LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	91	\$350.00	\$31,850.00	\$280.00	\$25,480.00
5	2" HMAC ASPHALT FOR TEMPORARY TURN AROUND, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	979	\$42.00	\$41,118.00	\$55.00	\$53,845.00
6	6" HOT MIX ASPHALTIC CONCRETE BASE FOR TEMPORARY ASPHALT TRANSITION AND TURN AROUND, PER THE DETAIL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	1000	\$110.00	\$110,000.00	\$80.00	\$80,000.00
7	8" LIME STABILIZED SUBGRADE FOR TEMPORARY ASPHALT TRANSITION AND TURNAROUND, INCLUDES MANIPULATION, PROOF ROLLING (AS PER CITY OF MANVEL REQUIREMENTS), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	1020	\$6.00	\$6,120.00	\$6.50	\$6,630.00
8	LIME FOR SUBGRADE PREPARATION (10% BY WEIGHT, 59LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	30	\$350.00	\$10,500.00	\$280.00	\$8,400.00
9	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING (AS PER DETAILS ON SHEET NO. 28 OF 35), MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN THE CONSTRUCTION PLANS, ETC., COMPLETE IN PLACE	LS	1	\$3,400.00	\$3,400.00	\$3,100.00	\$3,100.00
10	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	4	\$20.00	\$80.00	\$20.00	\$80.00
11	REMOVE AND REPLACE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$100.00	\$100.00
12	BOLLARDS (AS PER DETAILS ON SHEET NO. 35 OF 35), COMPLETE IN PLACE	EA	14	\$1,200.00	\$16,800.00	\$500.00	\$7,000.00
13	STANDARD CONCRETE PAVING HEADERS, COMPLETE IN PLACE	LF	25	\$35.00	\$875.00	\$25.00	\$625.00
14	6" SCHEDULE 40 P.V.C. IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	87	\$71.00	\$6,177.00	\$60.00	\$5,220.00
15	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
16	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$650.00	\$650.00	\$1,200.00	\$1,200.00
MANVEL PARKWAY PAVING ITEMS SUBTOTAL:					\$479,881.00		\$388,483.00
MISCELLANEOUS ITEMS (WS&D)							
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$9,115.00	\$9,115.00	\$9,115.00	\$9,115.00
2	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$22.00	\$2,200.00	\$30.00	\$3,000.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES,
 AND PAVING & APPURTENANCES TO SERVE DEL BELLO LAKES SECTION 9
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 SEPTEMBER 1, 2023
 LJA ENGINEERING, INC.
 C CORTEZ
 SEPTEMBER 1, 2023
 2197-2109B & 2197-2109C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	EXTRA REINFORCED FILTER FABRIC FENCING, INCLUDES CONTINUED MAINTENANCE AND REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.50	\$150.00	\$2.50	\$250.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL, TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1650	\$1.00	\$1,650.00	\$7.15	\$11,797.50
5	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
6	INSTALLATION AND REMOVAL (UPON COMPLETION) OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$2,000.00	\$2,000.00
7	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT (DRUMS, FLAGGERS, ALL NECESSARY SIGNAGE, ETC.) PER TMUTCS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
8	HYDRO-MULCH SEEDING AND WATERING TO ATLEAST 95% GERMINATION, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2.2	\$1,500.00	\$3,300.00	\$2,200.00	\$4,840.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$24,915.00	\$38,002.50	
MISCELLANEOUS ITEMS (PAVING)							
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$4,075.00	\$4,075.00	\$4,075.00	\$4,075.00
2	16" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	2980	\$1.00	\$2,980.00	\$1.25	\$3,725.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$7,055.00	\$7,800.00	
BIDDING SUMMARY							
SUBTOTAL SECTION 9 WATER SYSTEM ITEMS					\$244,924.70	\$268,464.70	
SUBTOTAL SECTION 9 SANITARY SEWER SYSTEM ITEMS					\$204,393.50	\$238,374.50	
SUBTOTAL SECTION 9 STORM SEWER SYSTEM ITEMS					\$372,893.60	\$432,315.10	
SUBTOTAL SECTION 9 PAVING ITEMS					\$475,911.00	\$381,483.50	
SUBTOTAL MANVEL PARKWAY WATER SYSTEM ITEMS					\$165,600.30	\$181,374.30	
SUBTOTAL MANVEL PARKWAY STORM SEWER SYSTEM ITEMS					\$200,616.90	\$263,440.90	
SUBTOTAL MANVEL PARKWAY PAVING ITEMS					\$479,881.00	\$388,483.00	
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$24,915.00	\$38,002.50	
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$7,055.00	\$7,800.00	
TOTAL AMOUNT BASE BID					\$2,176,191.00	\$2,199,738.50	