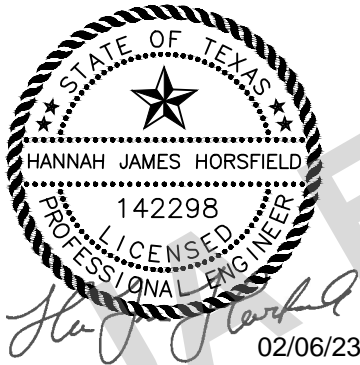


BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
TO SERVE VALENCIA SECTION 6
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
FEBRUARY 2, 2023
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 2, 2023
2791-4106 (0)

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

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) R CONSTRUCTION CIVIL, LLC	\$1,169,279.65	55/65
2) DIMAS BROS. CONSTRUCTION	\$1,261,865.40	60/75
3) HURTADO CONSTRUCTION COMPANY	\$1,268,883.34	100/115
4) BAY UTILITIES. LLC	\$1,277,890.70	90/105
5) CROSTEX CONSTRUCTION INC.	\$1,294,000.00	110/125
6) CE BARKER, LTD	\$1,386,040.80	75/90
7) PRINCIPAL SERVICES, LTD	\$1,420,222.50	57/67
8) ICON GC LLC	\$1,510,330.34	90/110
9) TRIPLE B SERVICES, LLP	\$1,559,192.39	80/80
10) HCG, LLC.	\$1,590,262.55	110/125



I, Hannah J. Horsfield, P.E., hereby certify these bid tabulations to be true and correct.

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) DIMAS BROS. CONSTRUCTION		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	872	\$40.00	\$34,880.00	\$44.10	\$38,455.20	\$46.88	\$40,879.36
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	619	\$41.00	\$25,379.00	\$46.00	\$28,474.00	\$48.88	\$30,256.72
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,750.00	\$14,000.00	\$1,565.00	\$12,520.00	\$1,838.00	\$14,704.00
4	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	8	\$480.00	\$3,840.00	\$525.00	\$4,200.00	\$598.00	\$4,784.00
5	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	19	\$670.00	\$12,730.00	\$1,465.00	\$27,835.00	\$1,418.00	\$26,942.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$6,400.00	\$38,400.00	\$6,770.00	\$40,620.00	\$7,548.00	\$45,288.00
7	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$5,200.00	\$20,800.00	\$4,248.00	\$16,992.00	\$5,258.00	\$21,032.00
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$420.00	\$840.00	\$584.00	\$1,168.00	\$300.00	\$600.00
9	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	230	\$115.00	\$26,450.00	\$109.50	\$25,185.00	\$112.88	\$25,962.40
10	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	419	\$0.85	\$356.15	\$3.00	\$1,257.00	\$0.08	\$33.52
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2711	\$0.05	\$135.55	\$1.00	\$2,711.00	\$0.08	\$216.88
WATER ITEMS SUBTOTAL:					\$177,810.70		\$199,417.20		\$210,698.88
SANITARY ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1153	\$27.00	\$31,131.00	\$45.00	\$51,885.00	\$58.00	\$66,874.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	331	\$32.00	\$10,592.00	\$50.55	\$16,732.05	\$68.00	\$22,508.00
3	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	350	\$40.00	\$14,000.00	\$56.55	\$19,792.50	\$58.00	\$20,300.00
4	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	11	\$1,340.00	\$14,740.00	\$1,158.00	\$12,738.00	\$1,588.00	\$17,468.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	12	\$4,100.00	\$49,200.00	\$5,784.00	\$69,408.00	\$4,528.00	\$54,336.00

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) DIMAS BROS. CONSTRUCTION		3) HURTADO CONSTRUCTION COMPANY		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	78	\$300.00	\$23,400.00	\$318.00	\$24,804.00	\$280.00	\$21,840.00	
7	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$165.00	\$165.00	\$184.00	\$184.00	\$8.00	\$8.00	
8	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	4	\$79.00	\$316.00	\$75.00	\$300.00	\$118.38	\$473.52	
9	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$20.00	\$29,680.00	\$20.00	\$29,680.00	\$20.00	\$29,680.00	
10	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$15.00	\$22,260.00	\$15.00	\$22,260.00	\$15.00	\$22,260.00	
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$2.00	\$2,968.00	\$3.00	\$4,452.00	\$0.88	\$1,305.92	
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	675	\$0.85	\$573.75	\$3.00	\$2,025.00	\$0.08	\$54.00	
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1982	\$0.05	\$99.10	\$1.00	\$1,982.00	\$0.08	\$158.56	
SANITARY ITEMS SUBTOTAL:					\$199,124.85		\$256,242.55		\$257,266.00	
DRAINAGE FACILITIES ITEMS										
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	503	\$65.00	\$32,695.00	\$69.45	\$34,933.35	\$78.00	\$39,234.00	
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$90.00	\$19,440.00	\$90.60	\$19,569.60	\$102.88	\$22,222.08	
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	415	\$120.00	\$49,800.00	\$113.00	\$46,895.00	\$128.00	\$53,120.00	
4	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$200.00	\$61,400.00	\$175.00	\$53,725.00	\$213.88	\$65,661.16	
5	6'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	198	\$520.00	\$102,960.00	\$580.00	\$114,840.00	\$588.00	\$116,424.00	
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,100.00	\$6,600.00	\$940.00	\$5,640.00	\$908.00	\$5,448.00	
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,000.00	\$12,000.00	\$1,284.00	\$7,704.00	\$1,238.00	\$7,428.00	
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$2,000.00	\$6,000.00	\$1,355.00	\$4,065.00	\$1,018.00	\$3,054.00	
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,300.00	\$6,900.00	\$2,025.00	\$6,075.00	\$2,278.00	\$6,834.00	
10	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$2,700.00	\$2,700.00	\$1,715.00	\$1,715.00	\$1,488.00	\$1,488.00	
11	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,600.00	\$2,444.00	\$2,444.00	\$2,488.00	\$2,488.00	

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) DIMAS BROS. CONSTRUCTION		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,300.00	\$13,800.00	\$3,284.00	\$19,704.00	\$2,088.00	\$12,528.00
13	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,700.00	\$3,700.00	\$3,800.00	\$3,800.00	\$2,488.00	\$2,488.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,900.00	\$7,800.00	\$5,084.00	\$10,168.00	\$2,538.00	\$5,076.00
15	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$2,750.00	\$2,750.00
16	REINFORCED JUNCTION BOX WITH TYPE 'E' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,800.00	\$6,800.00	\$10,000.00	\$10,000.00	\$7,688.00	\$7,688.00
17	TYPE "C" MANHOLE TOP FOR REINFORCED CONCRETE BOX, COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00	\$1,800.00	\$1,800.00	\$2,480.00	\$2,480.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$184.00	\$184.00	\$8.00	\$8.00
19	CONTRACTOR TO REMOVE EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$884.00	\$884.00	\$2,800.00	\$2,800.00
20	ADJUST MANHOLE RIM TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$80.00	\$400.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
21	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$184.00	\$736.00	\$8.00	\$32.00
22	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
24	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1441	\$2.00	\$2,882.00	\$3.00	\$4,323.00	\$0.80	\$1,152.80
25	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2199	\$0.85	\$1,869.15	\$3.00	\$6,597.00	\$0.08	\$175.92
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1639	\$0.05	\$81.95	\$1.00	\$1,639.00	\$0.08	\$131.12
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$353,728.10		\$367,940.95		\$365,711.08
MISCELLANEOUS WS&D ITEMS									
1	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$11,700.00	\$11,700.00	\$10,184.00	\$10,184.00	\$12,565.58	\$12,565.58
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	135	\$2.50	\$337.50	\$5.00	\$675.00	\$3.48	\$469.80
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$14,037.50		\$12,859.00		\$15,035.38

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$670.00	\$670.00	\$700.00	\$700.00	\$800.00	\$800.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$480.00	\$480.00	\$200.00	\$200.00	\$800.00	\$800.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$570.00	\$570.00	\$500.00	\$500.00	\$8.00	\$8.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	3	\$15.00	\$45.00	\$50.00	\$150.00	\$8.00	\$24.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	10	\$15.00	\$150.00	\$10.00	\$100.00	\$1.00	\$10.00
6	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	13	\$15.00	\$195.00	\$10.00	\$130.00	\$1.00	\$13.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	3876	\$1.00	\$3,876.00	\$0.50	\$1,938.00	\$0.18	\$697.68
SWPPP ITEMS SUBTOTAL:					\$5,986.00		\$3,718.00		\$2,352.68
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5401	\$50.00	\$270,050.00	\$50.75	\$274,100.75	\$49.88	\$269,401.88
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5747	\$4.00	\$22,988.00	\$3.40	\$19,539.80	\$2.28	\$13,103.16
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	114	\$255.00	\$29,070.00	\$284.00	\$32,376.00	\$288.00	\$32,832.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 54 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	152	\$115.00	\$17,480.00	\$140.00	\$21,280.00	\$138.00	\$20,976.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1566	\$3.50	\$5,481.00	\$3.95	\$6,185.70	\$3.18	\$4,979.88
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1439	\$3.50	\$5,036.50	\$3.95	\$5,684.05	\$3.18	\$4,576.02
7	COMPLETE LOT GRADING (27 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$4,750.00	\$4,750.00	\$5,000.00	\$5,000.00	\$4,308.00	\$4,308.00
8	ROADWAY AND LOT EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2884	\$3.50	\$10,094.00	\$3.85	\$11,103.40	\$3.98	\$11,478.32
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$600.00	\$4,200.00	\$600.00	\$4,200.00	\$600.00	\$4,200.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 6 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,600.00	\$2,600.00	\$1,500.00	\$1,500.00	\$2,670.00	\$2,670.00

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 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) DIMAS BROS. CONSTRUCTION		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$1,400.00	\$22,400.00	\$1,375.00	\$22,000.00	\$1,288.00	\$20,608.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,150.00	\$4,600.00	\$1,200.00	\$4,800.00	\$4,000.00	\$16,000.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	112	\$20.00	\$2,240.00	\$20.00	\$2,240.00	\$18.00	\$2,016.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$1.00	\$3.00	\$1.00	\$3.00	\$0.02	\$0.06
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	100	\$35.00	\$3,500.00	\$30.00	\$3,000.00	\$18.00	\$1,800.00
16	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	105	\$24.00	\$2,520.00	\$20.00	\$2,100.00	\$28.00	\$2,940.00
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$40.00	\$1,400.00	\$35.00	\$1,225.00	\$48.00	\$1,680.00
18	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	70	\$135.00	\$9,450.00	\$55.00	\$3,850.00	\$50.00	\$3,500.00
PAVING ITEMS SUBTOTAL:					\$417,862.50	\$420,187.70	\$417,069.32		
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$500.00	\$500.00	\$600.00	\$600.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.1	\$1,300.00	\$130.00	\$10,000.00	\$1,000.00	\$1,500.00	\$150.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$730.00	\$1,500.00	\$750.00		
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$177,810.70	\$199,417.20	\$210,698.88		
SUBTOTAL SANITARY ITEMS					\$199,124.85	\$256,242.55	\$257,266.00		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$353,728.10	\$367,940.95	\$365,711.08		
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$14,037.50	\$12,859.00	\$15,035.38		
SUBTOTAL SWPPP ITEMS					\$5,986.00	\$3,718.00	\$2,352.68		
SUBTOTAL PAVING ITEMS					\$417,862.50	\$420,187.70	\$417,069.32		
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$730.00	\$1,500.00	\$750.00		
TOTAL AMOUNT BASE BID					\$1,169,279.65	\$1,261,865.40	\$1,268,883.34		

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	872	\$37.00	\$32,264.00	\$37.00	\$32,264.00	\$49.00	\$42,728.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	619	\$40.00	\$24,760.00	\$38.00	\$23,522.00	\$47.00	\$29,093.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,600.00	\$12,800.00	\$1,700.00	\$13,600.00	\$1,675.00	\$13,400.00
4	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	8	\$500.00	\$4,000.00	\$480.00	\$3,840.00	\$650.00	\$5,200.00
5	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	19	\$1,000.00	\$19,000.00	\$940.00	\$17,860.00	\$1,504.00	\$28,576.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$6,200.00	\$37,200.00	\$6,900.00	\$41,400.00	\$6,677.00	\$40,062.00
7	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$5,000.00	\$20,000.00	\$5,600.00	\$22,400.00	\$4,643.00	\$18,572.00
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$1,450.00	\$2,900.00	\$957.00	\$1,914.00
9	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	230	\$136.00	\$31,280.00	\$133.00	\$30,590.00	\$118.00	\$27,140.00
10	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	419	\$3.00	\$1,257.00	\$1.00	\$419.00	\$2.00	\$838.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2711	\$0.10	\$271.10	\$1.05	\$2,846.55	\$0.01	\$27.11
WATER ITEMS SUBTOTAL:					\$183,632.10		\$191,641.55		\$207,550.11
SANITARY ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1153	\$62.00	\$71,486.00	\$42.00	\$48,426.00	\$53.00	\$61,109.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	331	\$65.00	\$21,515.00	\$47.00	\$15,557.00	\$62.00	\$20,522.00
3	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	350	\$37.00	\$12,950.00	\$40.00	\$14,000.00	\$78.00	\$27,300.00
4	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	11	\$1,200.00	\$13,200.00	\$1,460.00	\$16,060.00	\$1,210.00	\$13,310.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	12	\$4,400.00	\$52,800.00	\$4,500.00	\$54,000.00	\$4,123.00	\$49,476.00

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	78	\$300.00	\$23,400.00	\$385.00	\$30,030.00	\$325.00	\$25,350.00
7	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$1,500.00	\$1,500.00	\$536.00	\$536.00
8	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	4	\$80.00	\$320.00	\$200.00	\$800.00	\$183.00	\$732.00
9	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$20.00	\$29,680.00	\$20.00	\$29,680.00	\$20.00	\$29,680.00
10	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$15.00	\$22,260.00	\$15.00	\$22,260.00	\$15.00	\$22,260.00
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$2.75	\$4,081.00	\$2.50	\$3,710.00	\$0.01	\$14.84
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	675	\$3.00	\$2,025.00	\$1.00	\$675.00	\$2.00	\$1,350.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1982	\$0.10	\$198.20	\$1.05	\$2,081.10	\$0.01	\$19.82
SANITARY ITEMS SUBTOTAL:					\$254,065.20		\$238,779.10		\$251,659.66
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	503	\$68.00	\$34,204.00	\$71.00	\$35,713.00	\$86.00	\$43,258.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$87.00	\$18,792.00	\$92.00	\$19,872.00	\$107.00	\$23,112.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	415	\$123.00	\$51,045.00	\$129.00	\$53,535.00	\$160.00	\$66,400.00
4	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$216.00	\$66,312.00	\$207.00	\$63,549.00	\$243.00	\$74,601.00
5	6'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	198	\$571.00	\$113,058.00	\$557.00	\$110,286.00	\$613.00	\$121,374.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$2,000.00	\$12,000.00	\$2,000.00	\$12,000.00	\$1,321.00	\$7,926.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$800.00	\$4,800.00	\$1,383.00	\$8,298.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$3,000.00	\$9,000.00	\$2,000.00	\$6,000.00	\$1,525.00	\$4,575.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,100.00	\$6,300.00	\$1,850.00	\$5,550.00	\$1,383.00	\$4,149.00
10	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$1,525.00	\$1,525.00
11	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00	\$2,900.00	\$2,900.00	\$1,587.00	\$1,587.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,500.00	\$15,000.00	\$4,800.00	\$28,800.00	\$2,765.00	\$16,590.00
13	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$4,800.00	\$4,800.00	\$3,785.00	\$3,785.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$5,800.00	\$11,600.00	\$5,060.00	\$10,120.00
15	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$5,800.00	\$5,800.00	\$6,080.00	\$6,080.00
16	REINFORCED JUNCTION BOX WITH TYPE 'E' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$16,000.00	\$16,000.00	\$9,000.00	\$9,000.00	\$14,188.00	\$14,188.00
17	TYPE "C" MANHOLE TOP FOR REINFORCED CONCRETE BOX, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$2,765.00	\$2,765.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,250.00	\$1,250.00	\$536.00	\$536.00
19	CONTRACTOR TO REMOVE EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$2,700.00	\$2,700.00	\$2,000.00	\$2,000.00	\$2,765.00	\$2,765.00
20	ADJUST MANHOLE RIM TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$50.00	\$250.00	\$50.00	\$250.00	\$0.01	\$0.05
21	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	4	\$70.00	\$280.00	\$200.00	\$800.00	\$298.00	\$1,192.00
22	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
24	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1441	\$3.75	\$5,403.75	\$4.00	\$5,764.00	\$0.01	\$14.41
25	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2199	\$3.00	\$6,597.00	\$1.00	\$2,199.00	\$2.00	\$4,398.00
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1639	\$0.10	\$163.90	\$1.05	\$1,720.95	\$0.01	\$16.39
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$390,005.65		\$395,688.95		\$422,754.85
MISCELLANEOUS WS&D ITEMS									
1	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$23.00	\$2,300.00	\$35.00	\$3,500.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$11,399.10	\$11,399.10	\$12,500.00	\$12,500.00
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	135	\$10.00	\$1,350.00	\$5.00	\$675.00	\$0.01	\$1.35
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$8,350.00		\$14,374.10		\$16,001.35

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$225.00	\$225.00	\$1,750.00	\$1,750.00	\$510.00	\$510.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,020.00	\$1,020.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,714.00	\$2,714.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	3	\$40.00	\$120.00	\$100.00	\$300.00	\$62.00	\$186.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	10	\$30.00	\$300.00	\$30.00	\$300.00	\$62.00	\$620.00
6	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	13	\$40.00	\$520.00	\$30.00	\$390.00	\$62.00	\$806.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	3876	\$2.15	\$8,333.40	\$1.50	\$5,814.00	\$1.80	\$6,976.80
SWPPP ITEMS SUBTOTAL:					\$13,998.40	\$11,554.00		\$12,832.80	
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5401	\$50.50	\$272,750.50	\$51.25	\$276,801.25	\$52.00	\$280,852.00
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5747	\$3.05	\$17,528.35	\$3.35	\$19,252.45	\$5.00	\$28,735.00
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	114	\$280.00	\$31,920.00	\$283.00	\$32,262.00	\$305.00	\$34,770.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 54 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	152	\$117.00	\$17,784.00	\$141.50	\$21,508.00	\$230.00	\$34,960.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1566	\$3.90	\$6,107.40	\$4.00	\$6,264.00	\$5.00	\$7,830.00
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1439	\$3.90	\$5,612.10	\$4.00	\$5,756.00	\$5.00	\$7,195.00
7	COMPLETE LOT GRADING (27 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$6,660.00	\$6,660.00	\$8,715.00	\$8,715.00	\$10,710.00	\$10,710.00
8	ROADWAY AND LOT EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2884	\$5.00	\$14,420.00	\$6.15	\$17,736.60	\$5.00	\$14,420.00
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$715.50	\$5,008.50	\$670.00	\$4,690.00	\$500.00	\$3,500.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 6 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$1,900.00	\$1,900.00	\$2,565.00	\$2,565.00	\$6,325.00	\$6,325.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$1,700.00	\$27,200.00	\$1,335.00	\$21,360.00	\$1,500.00	\$24,000.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,332.00	\$5,328.00	\$1,435.00	\$5,740.00	\$1,250.00	\$5,000.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	112	\$15.00	\$1,680.00	\$16.00	\$1,792.00	\$45.00	\$5,040.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$100.00	\$300.00	\$0.01	\$0.03
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$18.00	\$1,800.00	\$25.00	\$2,500.00
16	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	105	\$25.00	\$2,625.00	\$31.00	\$3,255.00	\$20.00	\$2,100.00
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$40.00	\$1,400.00	\$47.00	\$1,645.00	\$37.00	\$1,295.00
18	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	70	\$60.00	\$4,200.00	\$105.00	\$7,350.00	\$58.00	\$4,060.00
PAVING ITEMS SUBTOTAL:					\$424,923.85	\$438,792.30		\$473,292.03	
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$715.50	\$715.50	\$670.00	\$670.00	\$500.00	\$500.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.1	\$22,000.00	\$2,200.00	\$25,000.00	\$2,500.00	\$14,500.00	\$1,450.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$2,915.50	\$3,170.00		\$1,950.00	
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$183,632.10	\$191,641.55		\$207,550.11	
SUBTOTAL SANITARY ITEMS					\$254,065.20	\$238,779.10		\$251,659.66	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$390,005.65	\$395,688.95		\$422,754.85	
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$8,350.00	\$14,374.10		\$16,001.35	
SUBTOTAL SWPPP ITEMS					\$13,998.40	\$11,554.00		\$12,832.80	
SUBTOTAL PAVING ITEMS					\$424,923.85	\$438,792.30		\$473,292.03	
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$2,915.50	\$3,170.00		\$1,950.00	
TOTAL AMOUNT BASE BID					\$1,277,890.70	\$1,294,000.00		\$1,386,040.80	

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD		8) ICON GC LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	872	\$54.00	\$47,088.00	\$45.30	\$39,501.60	\$55.00	\$47,960.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	619	\$55.00	\$34,045.00	\$48.10	\$29,773.90	\$52.00	\$32,188.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$2,000.00	\$16,000.00	\$1,964.40	\$15,715.20	\$2,300.00	\$18,400.00
4	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	8	\$400.00	\$3,200.00	\$702.80	\$5,622.40	\$615.00	\$4,920.00
5	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	19	\$1,000.00	\$19,000.00	\$1,074.70	\$20,419.30	\$1,265.00	\$24,035.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$5,000.00	\$30,000.00	\$7,273.80	\$43,642.80	\$7,400.00	\$44,400.00
7	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$5,896.00	\$23,584.00	\$5,070.00	\$20,280.00
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$610.30	\$1,220.60	\$1,130.00	\$2,260.00
9	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	230	\$80.00	\$18,400.00	\$156.10	\$35,903.00	\$125.00	\$28,750.00
10	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	419	\$1.00	\$419.00	\$4.00	\$1,676.00	\$6.25	\$2,618.75
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2711	\$0.00	\$0.00	\$0.30	\$813.30	\$0.12	\$325.32
WATER ITEMS SUBTOTAL:					\$185,352.00		\$217,872.10		\$226,137.07
SANITARY ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1153	\$83.00	\$95,699.00	\$62.00	\$71,486.00	\$65.00	\$74,945.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	331	\$90.00	\$29,790.00	\$80.00	\$26,480.00	\$65.00	\$21,515.00
3	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	350	\$54.00	\$18,900.00	\$49.70	\$17,395.00	\$94.00	\$32,900.00
4	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	11	\$1,600.00	\$17,600.00	\$1,682.10	\$18,503.10	\$1,925.00	\$21,175.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	12	\$6,300.00	\$75,600.00	\$6,000.00	\$72,000.00	\$4,980.00	\$59,760.00

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 AND PAVING AND APPURTENANCES
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 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
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BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD		8) ICON GC LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	78	\$400.00	\$31,200.00	\$361.70	\$28,212.60	\$316.00	\$24,648.00
7	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$376.40	\$376.40	\$374.00	\$374.00
8	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$275.30	\$1,101.20	\$514.00	\$2,056.00
9	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$25.00	\$37,100.00	\$20.00	\$29,680.00	\$25.00	\$37,100.00
10	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$15.00	\$22,260.00	\$15.00	\$22,260.00	\$15.00	\$22,260.00
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$0.10	\$148.40	\$2.30	\$3,413.20	\$1.60	\$2,374.40
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	675	\$1.00	\$675.00	\$4.10	\$2,767.50	\$10.50	\$7,087.50
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1982	\$0.00	\$0.00	\$1.20	\$2,378.40	\$0.12	\$237.84
SANITARY ITEMS SUBTOTAL:					\$329,872.40		\$296,053.40		\$306,432.74
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	503	\$88.00	\$44,264.00	\$84.30	\$42,402.90	\$96.00	\$48,288.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$104.00	\$22,464.00	\$103.40	\$22,334.40	\$122.00	\$26,352.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	415	\$144.00	\$59,760.00	\$149.90	\$62,208.50	\$165.00	\$68,475.00
4	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$246.00	\$75,522.00	\$235.50	\$72,298.50	\$286.00	\$87,802.00
5	6'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	198	\$618.00	\$122,364.00	\$760.00	\$150,480.00	\$678.00	\$134,244.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,200.00	\$7,200.00	\$1,368.70	\$8,212.20	\$2,715.00	\$16,290.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,600.00	\$9,600.00	\$2,265.80	\$13,594.80	\$2,925.00	\$17,550.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$1,200.00	\$3,600.00	\$3,413.00	\$10,239.00	\$3,715.00	\$11,145.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,000.00	\$6,000.00	\$2,388.00	\$7,164.00	\$5,025.00	\$15,075.00
10	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$4,650.00	\$4,650.00	\$4,710.00	\$4,710.00
11	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00	\$7,130.00	\$7,130.00

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ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD		8) ICON GC LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,500.00	\$15,000.00	\$3,315.90	\$19,895.40	\$4,075.00	\$24,450.00
13	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,600.00	\$3,333.00	\$3,333.00	\$4,045.00	\$4,045.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$4,884.80	\$9,769.60	\$5,620.00	\$11,240.00
15	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,600.00	\$5,647.40	\$5,647.40	\$6,420.00	\$6,420.00
16	REINFORCED JUNCTION BOX WITH TYPE 'E' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$16,038.30	\$16,038.30	\$24,440.00	\$24,440.00
17	TYPE "C" MANHOLE TOP FOR REINFORCED CONCRETE BOX, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,443.00	\$1,443.00	\$3,740.00	\$3,740.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,191.10	\$1,191.10	\$645.00	\$645.00
19	CONTRACTOR TO REMOVE EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$3,546.90	\$3,546.90	\$1,955.00	\$1,955.00
20	ADJUST MANHOLE RIM TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$200.00	\$1,000.00	\$318.20	\$1,591.00	\$493.00	\$2,465.00
21	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	4	\$250.00	\$1,000.00	\$704.40	\$2,817.60	\$745.00	\$2,980.00
22	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$41.00	\$4,100.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
24	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1441	\$0.10	\$144.10	\$6.40	\$9,222.40	\$3.00	\$4,323.00
25	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2199	\$1.00	\$2,199.00	\$4.10	\$9,015.90	\$5.25	\$11,544.75
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1639	\$0.00	\$0.00	\$0.60	\$983.40	\$0.12	\$196.68
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$404,417.10		\$485,079.30		\$541,105.43
MISCELLANEOUS WS&D ITEMS									
1	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$46.00	\$4,600.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$11,400.00	\$11,400.00	\$13,623.20	\$13,623.20	\$11,950.00	\$11,950.00
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	135	\$4.00	\$540.00	\$9.70	\$1,309.50	\$3.00	\$405.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$13,940.00		\$16,932.70		\$16,955.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$1,333.40	\$1,333.40	\$4,265.00	\$4,265.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$1,055.00	\$1,055.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$3,888.90	\$3,888.90	\$5,210.00	\$5,210.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	3	\$10.00	\$30.00	\$94.50	\$283.50	\$105.00	\$315.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	10	\$10.00	\$100.00	\$72.30	\$723.00	\$105.00	\$1,050.00
6	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	13	\$10.00	\$130.00	\$72.30	\$939.90	\$105.00	\$1,365.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	3876	\$0.50	\$1,938.00	\$2.80	\$10,852.80	\$2.50	\$9,690.00
SWPPP ITEMS SUBTOTAL:					\$3,898.00		\$19,021.50		\$22,950.00
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5401	\$56.00	\$302,456.00	\$48.00	\$259,248.00	\$50.00	\$270,050.00
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5747	\$14.00	\$80,458.00	\$7.00	\$40,229.00	\$4.75	\$27,298.25
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	114	\$1.00	\$114.00	\$318.90	\$36,354.60	\$275.00	\$31,350.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 54 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	152	\$1.00	\$152.00	\$130.00	\$19,760.00	\$129.00	\$19,608.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1566	\$4.00	\$6,264.00	\$6.90	\$10,805.40	\$4.50	\$7,047.00
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1439	\$4.00	\$5,756.00	\$6.40	\$9,209.60	\$4.50	\$6,475.50
7	COMPLETE LOT GRADING (27 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$7,155.00	\$7,155.00	\$18,785.60	\$18,785.60	\$10,100.00	\$10,100.00
8	ROADWAY AND LOT EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2884	\$12.00	\$34,608.00	\$6.30	\$18,169.20	\$5.85	\$16,871.40
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$600.00	\$4,200.00	\$500.00	\$3,500.00	\$690.00	\$4,830.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 6 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$2,729.80	\$2,729.80	\$2,322.00	\$2,322.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD		8) ICON GC LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$1,500.00	\$24,000.00	\$1,822.50	\$29,160.00	\$1,765.00	\$28,240.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$944.50	\$3,778.00	\$1,375.00	\$5,500.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	112	\$15.00	\$1,680.00	\$9.70	\$1,086.40	\$17.00	\$1,904.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$277.80	\$833.40	\$180.00	\$540.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.40	\$1,540.00	\$14.00	\$1,400.00
16	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	105	\$20.00	\$2,100.00	\$35.60	\$3,738.00	\$25.00	\$2,625.00
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$40.00	\$1,400.00	\$53.10	\$1,858.50	\$45.00	\$1,575.00
18	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	70	\$60.00	\$4,200.00	\$154.40	\$10,808.00	\$69.00	\$4,830.00
PAVING ITEMS SUBTOTAL:					\$481,843.00	\$471,593.50		\$442,566.15	
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$611.20	\$611.20	\$703.00	\$703.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.1	\$2,500.00	\$250.00	\$31,666.40	\$3,166.64	\$23,430.00	\$2,343.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$900.00	\$3,777.84		\$3,046.00	
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$185,352.00	\$217,872.10		\$226,137.07	
SUBTOTAL SANITARY ITEMS					\$329,872.40	\$296,053.40		\$306,432.74	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$404,417.10	\$485,079.30		\$541,105.43	
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$13,940.00	\$16,932.70		\$16,955.00	
SUBTOTAL SWPPP ITEMS					\$3,898.00	\$19,021.50		\$22,950.00	
SUBTOTAL PAVING ITEMS					\$481,843.00	\$471,593.50		\$442,566.15	
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$900.00	\$3,777.84		\$3,046.00	
TOTAL AMOUNT BASE BID					\$1,420,222.50	\$1,510,330.34		\$1,559,192.39	

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

10) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS					
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	872	\$51.20	\$44,646.40
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	619	\$52.75	\$32,652.25
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,975.00	\$15,800.00
4	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	8	\$1,410.00	\$11,280.00
5	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	19	\$2,020.00	\$38,380.00
6	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$4,135.00	\$24,810.00
7	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$6,300.00	\$25,200.00
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$1,135.00	\$2,270.00
9	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	230	\$144.00	\$33,120.00
10	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	419	\$2.60	\$1,089.40
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2711	\$0.55	\$1,491.05
WATER ITEMS SUBTOTAL:					\$230,739.10
SANITARY ITEMS					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1153	\$61.25	\$70,621.25
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	331	\$66.50	\$22,011.50
3	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	350	\$75.00	\$26,250.00
4	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	11	\$2,550.00	\$28,050.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING, STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	12	\$5,470.00	\$65,640.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

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

10) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	78	\$190.00	\$14,820.00
7	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$980.00	\$980.00
8	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	4	\$195.00	\$780.00
9	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$35.00	\$51,940.00
10	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$28.00	\$41,552.00
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1484	\$1.45	\$2,151.80
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	675	\$2.60	\$1,755.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1982	\$0.90	\$1,783.80
SANITARY ITEMS SUBTOTAL:					\$328,335.35
DRAINAGE FACILITIES ITEMS					
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	503	\$93.45	\$47,005.35
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	216	\$129.00	\$27,864.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	415	\$160.00	\$66,400.00
4	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	307	\$250.00	\$76,750.00
5	6'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	198	\$643.25	\$127,363.50
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,580.00	\$9,480.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,910.00	\$11,460.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$3,635.00	\$10,905.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,400.00	\$10,200.00
10	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$2,725.00	\$2,725.00
11	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,725.00	\$2,725.00

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 2, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2023
 2791-4106 (0)

BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

10) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$6,000.00	\$36,000.00
13	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,525.00	\$6,525.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$8,270.00	\$16,540.00
15	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,370.00	\$8,370.00
16	REINFORCED JUNCTION BOX WITH TYPE 'E' INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,225.00	\$8,225.00
17	TYPE "C" MANHOLE TOP FOR REINFORCED CONCRETE BOX, COMPLETE IN PLACE	EA	1	\$2,130.00	\$2,130.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$465.00	\$465.00
19	CONTRACTOR TO REMOVE EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$1,235.00	\$1,235.00
20	ADJUST MANHOLE RIM TO FINISHED GRADE, COMPLETE IN PLACE	EA	5	\$329.00	\$1,645.00
21	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	4	\$705.00	\$2,820.00
22	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00
24	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1441	\$1.45	\$2,089.45
25	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2199	\$2.65	\$5,827.35
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1639	\$0.60	\$983.40
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$489,733.05
MISCELLANEOUS WS&D ITEMS					
1	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$27.90	\$2,790.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$15,570.00	\$15,570.00
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	135	\$12.00	\$1,620.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$19,980.00

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10) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SWPPP ITEMS					
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,455.00	\$1,455.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$2,900.00	\$2,900.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$2,925.00	\$2,925.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	3	\$87.20	\$261.60
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	10	\$116.00	\$1,160.00
6	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	13	\$145.00	\$1,885.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	3876	\$2.90	\$11,240.40
SWPPP ITEMS SUBTOTAL:					\$21,827.00
PAVING ITEMS					
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5401	\$53.40	\$288,413.40
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5747	\$4.70	\$27,010.90
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	114	\$308.00	\$35,112.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 54 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	152	\$128.00	\$19,456.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1566	\$4.15	\$6,498.90
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1439	\$4.15	\$5,971.85
7	COMPLETE LOT GRADING (27 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$34,730.00	\$34,730.00
8	ROADWAY AND LOT EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2884	\$4.00	\$11,536.00
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$745.00	\$5,215.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 6 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$3,100.00	\$3,100.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
FEBRUARY 2, 2023
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 2, 2023
2791-4106 (0)

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

10) HCG, LLC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$2,365.00	\$37,840.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,365.00	\$5,460.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	112	\$33.00	\$3,696.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$194.00	\$582.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	100	\$27.50	\$2,750.00
16	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	105	\$27.35	\$2,871.75
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$52.75	\$1,846.25
18	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	70	\$94.15	\$6,590.50

PAVING ITEMS SUBTOTAL:

\$498,680.55

MISCELLANEOUS PAVING ITEMS

1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.1	\$2,675.00	\$267.50

MISCELLANEOUS PAVING ITEMS SUBTOTAL:

\$967.50

BIDDING SUMMARY

SUBTOTAL WATER ITEMS	\$230,739.10
SUBTOTAL SANITARY ITEMS	\$328,335.35
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$489,733.05
SUBTOTAL MISCELLANEOUS WS&D ITEMS	\$19,980.00
SUBTOTAL SWPPP ITEMS	\$21,827.00
SUBTOTAL PAVING ITEMS	\$498,680.55
SUBTOTAL MISCELLANEOUS PAVING ITEMS	\$967.50
TOTAL AMOUNT BASE BID	\$1,590,262.55