

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 AND APPURTENANCES  
TO SERVE VALENCIA SECTION 8  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) DIMAS BROS. CONSTRUCTION	\$2,034,288.75	120/135
2) CROSTEX CONSTRUCTION INC.	\$2,050,000.00	120/135
3) PRINCIPAL SERVICES, LTD	\$2,170,896.20	120/135
4) CE BARKER LTD.	\$2,193,341.42	120/135
5) ICON GC LLC	\$2,216,500.00	120/135
6) R CONSTRUCTION CIVIL, LLC	\$2,249,703.10	120/135
7) TLC CONSTRUCTION CONTRACT SERVICES, INC.	\$2,698,950.62	120/135



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

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 AND PAVING AND APPURTENANCES  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 JANUARY 11, 2024  
 LJA ENGINEERING, INC.  
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				1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1458	\$37.50	\$54,675.00	\$34.00	\$49,572.00	\$38.00	\$55,404.00
2	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1509	\$41.80	\$63,076.20	\$35.00	\$52,815.00	\$39.00	\$58,851.00
3	6" 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	313	\$38.00	\$11,894.00	\$29.00	\$9,077.00	\$49.00	\$15,337.00
4	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	281	\$45.25	\$12,715.25	\$45.00	\$12,645.00	\$68.00	\$19,108.00
5	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,060.00	\$3,180.00	\$1,215.00	\$3,645.00	\$1,401.00	\$4,203.00
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,584.00	\$9,504.00	\$1,800.00	\$10,800.00	\$2,063.00	\$12,378.00
7	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	33	\$415.00	\$13,695.00	\$575.00	\$18,975.00	\$500.00	\$16,500.00
8	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	23	\$1,284.00	\$29,532.00	\$1,085.00	\$24,955.00	\$1,000.00	\$23,000.00
9	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$684.00	\$684.00	\$1,500.00	\$1,500.00	\$768.00	\$768.00
10	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$6,884.00	\$61,956.00	\$7,200.00	\$64,800.00	\$7,711.00	\$69,399.00
11	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$4,984.00	\$4,984.00	\$7,400.00	\$7,400.00	\$7,718.00	\$7,718.00
12	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, COMPLETE IN PLACE	LF	239	\$60.00	\$14,340.00	\$80.00	\$19,120.00	\$65.00	\$15,535.00
13	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	127	\$78.00	\$9,906.00	\$95.00	\$12,065.00	\$85.00	\$10,795.00
14	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPIILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	938	\$3.00	\$2,814.00	\$2.00	\$1,876.00	\$1.00	\$938.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3561	\$1.00	\$3,561.00	\$1.05	\$3,739.05	\$0.10	\$356.10
WATER ITEMS SUBTOTAL:					\$296,516.45		\$292,984.05		\$310,290.10
SANITARY ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	67	\$40.90	\$2,740.30	\$37.00	\$2,479.00	\$35.00	\$2,345.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	446	\$41.00	\$18,286.00	\$40.00	\$17,840.00	\$48.00	\$21,408.00

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AND PAVING AND APPURTENANCES  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

				1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1554	\$41.00	\$63,714.00	\$44.00	\$68,376.00	\$50.00	\$77,700.00
4	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	224	\$44.60	\$9,990.40	\$51.00	\$11,424.00	\$59.00	\$13,216.00
5	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	917	\$50.45	\$46,262.65	\$40.00	\$36,680.00	\$35.00	\$32,095.00
6	LONG SIDE" DOUBLE OR SINGLE 8" 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	622	\$60.65	\$37,724.30	\$46.00	\$28,612.00	\$41.00	\$25,502.00
7	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	16	\$1,098.00	\$17,568.00	\$1,230.00	\$19,680.00	\$1,462.00	\$23,392.00
8	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	11	\$5,840.00	\$64,240.00	\$4,600.00	\$50,600.00	\$11,118.00	\$122,298.00
9	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	47	\$338.00	\$15,886.00	\$460.00	\$21,620.00	\$322.00	\$15,134.00
10	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$1,500.00	\$1,500.00	\$184.00	\$184.00
11	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$784.00	\$784.00	\$750.00	\$750.00	\$955.00	\$955.00
12	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2224	\$20.00	\$44,480.00	\$20.00	\$44,480.00	\$20.00	\$44,480.00
13	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	2224	\$15.00	\$33,360.00	\$15.00	\$33,360.00	\$15.00	\$33,360.00
14	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	1360	\$3.00	\$4,080.00	\$2.00	\$2,720.00	\$1.00	\$1,360.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2291	\$1.00	\$2,291.00	\$1.10	\$2,520.10	\$0.10	\$229.10
<b>SANITARY ITEMS SUBTOTAL:</b>					<b>\$361,590.65</b>		<b>\$342,641.10</b>		<b>\$413,658.10</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	664	\$83.90	\$55,709.60	\$82.00	\$54,448.00	\$92.00	\$61,088.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	174	\$100.75	\$17,530.50	\$104.00	\$18,096.00	\$107.00	\$18,618.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	521	\$137.10	\$71,429.10	\$143.00	\$74,503.00	\$151.00	\$78,671.00

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 AND PAVING AND APPURTENANCES  
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 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
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				1) DIMAS BROS. CONSTRUCTION		2) CROSTEX CONSTRUCTION INC.		3) PRINCIPAL SERVICES, LTD	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
23	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2590	\$1.00	\$2,590.00	\$1.05	\$2,719.50	\$0.10	\$259.00
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$586,780.95</b>		<b>\$611,070.50</b>		<b>\$626,401.00</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>									
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
2	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	\$30.00	\$3,000.00	\$20.00	\$2,000.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$16,500.00	\$16,500.00	\$17,752.30	\$17,752.30	\$17,341.00	\$17,341.00
4	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	480	\$3.00	\$1,440.00	\$4.50	\$2,160.00	\$2.00	\$960.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$21,940.00</b>		<b>\$24,712.30</b>		<b>\$22,301.00</b>
<b>SWPPP ITEMS</b>									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$2,333.25	\$2,333.25	\$500.00	\$500.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$750.00	\$750.00	\$100.00	\$100.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
4	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	20	\$10.00	\$200.00	\$50.00	\$1,000.00	\$10.00	\$200.00
5	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	7	\$20.00	\$140.00	\$50.00	\$350.00	\$10.00	\$70.00
6	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	10524	\$0.75	\$7,893.00	\$1.80	\$18,943.20	\$0.10	\$1,052.40
8	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$500.00	\$1,000.00	\$0.10	\$0.20
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$10,233.00</b>		<b>\$28,876.45</b>		<b>\$4,422.60</b>
<b>PAVING ITEMS</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9950	\$52.85	\$525,857.50	\$53.30	\$530,335.00	\$53.00	\$527,350.00
2	6" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	10546	\$3.45	\$36,383.70	\$3.70	\$39,020.20	\$4.65	\$49,038.90
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	183	\$330.00	\$60,390.00	\$334.00	\$61,122.00	\$330.00	\$60,390.00
4	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4891	\$3.50	\$17,118.50	\$4.20	\$20,542.20	\$3.50	\$17,118.50
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	416	\$3.50	\$1,456.00	\$4.20	\$1,747.20	\$3.50	\$1,456.00

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**PAVING ITEMS SUBTOTAL:**

### MISCELLANEOUS PAVING ITEMS

1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
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**MISCELLANEOUS PAVING ITEMS SUBTOTAL:**

### BIDDING SUMMARY

SUBTOTAL WATER ITEMS	\$296,516.45	\$292,984.05	\$310,290.10
SUBTOTAL SANITARY ITEMS	\$361,590.65	\$342,641.10	\$413,658.10
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$586,780.95	\$611,070.50	\$626,401.00
SUBTOTAL MISCELLANEOUS WS&D ITEMS	\$21,940.00	\$24,712.30	\$22,301.00
SUBTOTAL SWPPP ITEMS	\$10,233.00	\$28,876.45	\$4,422.60
SUBTOTAL PAVING ITEMS	\$756,427.70	\$748,715.60	\$793,323.40
SUBTOTAL MISCELLANEOUS PAVING ITEMS	\$800.00	\$1,000.00	\$500.00
<b>TOTAL AMOUNT BASE BID</b>	<b>\$2,034,288.75</b>	<b>\$2,050,000.00</b>	<b>\$2,170,896.20</b>

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CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 11, 2024  
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D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

4) CE BARKER LTD.

5) ICON GC LLC

6) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1458	\$38.00	\$55,404.00	\$44.00	\$64,152.00	\$41.00	\$59,778.00
2	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1509	\$40.00	\$60,360.00	\$50.00	\$75,450.00	\$46.00	\$69,414.00
3	6" 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	313	\$40.00	\$12,520.00	\$59.00	\$18,467.00	\$55.00	\$17,215.00
4	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	281	\$44.00	\$12,364.00	\$70.00	\$19,670.00	\$57.00	\$16,017.00
5	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,400.00	\$4,200.00	\$1,500.00	\$4,500.00	\$1,700.00	\$5,100.00
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,950.00	\$11,700.00	\$2,100.00	\$12,600.00	\$2,350.00	\$14,100.00
7	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	33	\$875.00	\$28,875.00	\$1,100.00	\$36,300.00	\$1,000.00	\$33,000.00
8	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	23	\$1,850.00	\$42,550.00	\$1,300.00	\$29,900.00	\$1,900.00	\$43,700.00
9	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$950.00	\$950.00	\$400.00	\$400.00
10	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$6,700.00	\$60,300.00	\$6,800.00	\$61,200.00	\$7,000.00	\$63,000.00
11	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$5,600.00	\$5,600.00	\$6,000.00	\$6,000.00	\$5,850.00	\$5,850.00
12	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, COMPLETE IN PLACE	LF	239	\$95.00	\$22,705.00	\$117.00	\$27,963.00	\$60.00	\$14,340.00
13	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	127	\$110.00	\$13,970.00	\$117.00	\$14,859.00	\$75.00	\$9,525.00
14	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPIILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	938	\$4.00	\$3,752.00	\$5.00	\$4,690.00	\$1.00	\$938.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3561	\$0.01	\$35.61	\$0.01	\$35.61	\$0.05	\$178.05
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$336,335.61</b>		<b>\$376,736.61</b>		<b>\$352,555.05</b>
<b>SANITARY ITEMS</b>									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	67	\$56.00	\$3,752.00	\$42.00	\$2,814.00	\$34.00	\$2,278.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	446	\$59.00	\$26,314.00	\$50.00	\$22,300.00	\$35.00	\$15,610.00

**BID TABULATION FOR:**

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**LJA JOB NO.**

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  
 JANUARY 11, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 12, 2024  
 2791-4108 (9.2)

4) CE BARKER LTD.						5) ICON GC LLC		6) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1554	\$64.00	\$99,456.00	\$58.00	\$90,132.00	\$40.00	\$62,160.00
4	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	224	\$68.00	\$15,232.00	\$88.00	\$19,712.00	\$41.00	\$9,184.00
5	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	917	\$50.00	\$45,850.00	\$38.00	\$34,846.00	\$43.00	\$39,431.00
6	LONG SIDE" DOUBLE OR SINGLE 8" 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	622	\$54.00	\$33,588.00	\$44.00	\$27,368.00	\$43.00	\$26,746.00
7	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	16	\$1,550.00	\$24,800.00	\$1,250.00	\$20,000.00	\$1,800.00	\$28,800.00
8	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	11	\$4,200.00	\$46,200.00	\$4,200.00	\$46,200.00	\$4,650.00	\$51,150.00
9	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	47	\$425.00	\$19,975.00	\$154.00	\$7,238.00	\$350.00	\$16,450.00
10	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	\$100.00	\$100.00	\$200.00	\$200.00
11	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$700.00	\$700.00
12	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2224	\$20.00	\$44,480.00	\$20.00	\$44,480.00	\$20.00	\$44,480.00
13	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	2224	\$15.00	\$33,360.00	\$15.00	\$33,360.00	\$15.00	\$33,360.00
14	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	1360	\$4.00	\$5,440.00	\$3.70	\$5,032.00	\$1.00	\$1,360.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2291	\$0.01	\$22.91	\$0.01	\$22.91	\$0.05	\$114.55
<b>SANITARY ITEMS SUBTOTAL:</b>					<b>\$400,269.91</b>		<b>\$354,604.91</b>		<b>\$332,023.55</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	664	\$100.00	\$66,400.00	\$110.00	\$73,040.00	\$88.00	\$58,432.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	174	\$120.00	\$20,880.00	\$122.00	\$21,228.00	\$115.00	\$20,010.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	521	\$160.00	\$83,360.00	\$170.00	\$88,570.00	\$159.00	\$82,839.00

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 AND PAVING AND APPURTENANCES  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 JANUARY 11, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 12, 2024  
 2791-4108 (9.2)

4) CE BARKER LTD.

5) ICON GC LLC

6) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	675	\$210.00	\$141,750.00	\$215.00	\$145,125.00	\$221.00	\$149,175.00
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	290	\$260.00	\$75,400.00	\$364.00	\$105,560.00	\$262.00	\$75,980.00
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	266	\$370.00	\$98,420.00	\$381.00	\$101,346.00	\$377.00	\$100,282.00
7	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	5	\$1,350.00	\$6,750.00	\$1,900.00	\$9,500.00	\$1,250.00	\$6,250.00
8	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$1,400.00	\$7,000.00	\$1,800.00	\$9,000.00	\$2,450.00	\$12,250.00
9	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$1,300.00	\$14,300.00	\$2,000.00	\$22,000.00	\$1,350.00	\$14,850.00
10	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$3,200.00	\$35,200.00	\$1,950.00	\$21,450.00	\$2,500.00	\$27,500.00
11	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$1,300.00	\$5,200.00	\$3,000.00	\$12,000.00	\$1,450.00	\$5,800.00
12	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,600.00	\$14,400.00	\$2,600.00	\$10,400.00	\$2,600.00	\$10,400.00
13	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$3,400.00	\$23,800.00	\$2,700.00	\$18,900.00	\$3,800.00	\$26,600.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$4,900.00	\$44,100.00	\$3,800.00	\$34,200.00	\$5,700.00	\$51,300.00
15	CONTRACTOR TO ADJUST MANHOLE RIM TO 0.25' ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	2	\$160.00	\$320.00	\$1.00	\$2.00	\$150.00	\$300.00
16	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$400.00	\$400.00	\$700.00	\$700.00
17	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 54" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00	\$480.00	\$480.00	\$700.00	\$700.00
18	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES ALL APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,300.00	\$2,300.00	\$260.00	\$260.00	\$700.00	\$700.00
19	CONTRACTOR SHALL REMOVE AND DISPOSE OF 8 FEET OF EXISTING STORM SEWER AND REPAIR EXISTING STORM SEWER MANHOLE, INCLUDES ALL APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$650.00	\$650.00	\$200.00	\$200.00	\$4,800.00	\$4,800.00
20	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
21	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
22	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	3536	\$4.00	\$14,144.00	\$4.00	\$14,144.00	\$1.00	\$3,536.00

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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  
 JANUARY 11, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 12, 2024  
 2791-4108 (9.2)

4) CE BARKER LTD.					5) ICON GC LLC		6) R CONSTRUCTION CIVIL, LLC		
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
23	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2590	\$0.01	\$25.90	\$0.01	\$25.90	\$0.05	\$129.50
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$660,549.90		\$691,330.90		\$656,033.50
MISCELLANEOUS WS&D ITEMS									
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1	\$2,100.00	\$2,100.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00
2	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	\$45.00	\$4,500.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$24,000.00	\$24,000.00
4	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	480	\$16.00	\$7,680.00	\$4.20	\$2,016.00	\$4.00	\$1,920.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$31,780.00		\$16,316.00		\$31,920.00
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$950.00	\$950.00	\$150.00	\$150.00	\$500.00	\$500.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$150.00	\$150.00	\$1,500.00	\$1,500.00
4	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	20	\$75.00	\$1,500.00	\$80.00	\$1,600.00	\$25.00	\$500.00
5	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	7	\$75.00	\$525.00	\$90.00	\$630.00	\$25.00	\$175.00
6	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$375.00	\$375.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	10524	\$0.50	\$5,262.00	\$2.40	\$25,257.60	\$1.50	\$15,786.00
8	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$10.00	\$20.00	\$900.00	\$1,800.00
SWPPP ITEMS SUBTOTAL:					\$11,212.00		\$30,307.60		\$23,561.00
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9950	\$51.00	\$507,450.00	\$46.00	\$457,700.00	\$61.00	\$606,950.00
2	6" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	10546	\$3.50	\$36,911.00	\$5.00	\$52,730.00	\$3.50	\$36,911.00
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	183	\$375.00	\$68,625.00	\$350.00	\$64,050.00	\$350.00	\$64,050.00
4	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4891	\$4.00	\$19,564.00	\$4.00	\$19,564.00	\$4.00	\$19,564.00
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	416	\$4.00	\$1,664.00	\$4.00	\$1,664.00	\$4.00	\$1,664.00

**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  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
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2791-4108 (9.2)

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

						4) CE BARKER LTD.		5) ICON GC LLC		6) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	COMPLETE LOT GRADING (56 LOTS, 2 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$17,000.00	\$17,000.00	\$19,927.98	\$19,927.98	\$13,400.00	\$13,400.00		
7	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	16700	\$4.00	\$66,800.00	\$6.00	\$100,200.00	\$4.00	\$66,800.00		
8	CUSTOM VALENCIA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE VALENCIA CUSTOM 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	3	\$550.00	\$1,650.00	\$1,550.00	\$4,650.00	\$750.00	\$2,250.00		
9	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$1,300.00	\$1,300.00	\$5,000.00	\$5,000.00	\$4,300.00	\$4,300.00		
10	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	12	\$1,500.00	\$18,000.00	\$1,300.00	\$15,600.00	\$2,050.00	\$24,600.00		
11	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00	\$100.00	\$100.00	\$1,200.00	\$1,200.00		
12	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$100.00	\$2,800.00	\$12.00	\$336.00	\$25.00	\$700.00		
13	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$10.00	\$10.00	\$1.00	\$1.00		
14	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	28	\$100.00	\$2,800.00	\$12.00	\$336.00	\$50.00	\$1,400.00		
15	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	76	\$25.00	\$1,900.00	\$24.00	\$1,824.00	\$50.00	\$3,800.00		
16	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	76	\$55.00	\$4,180.00	\$37.00	\$2,812.00	\$70.00	\$5,320.00		
<b>PAVING ITEMS SUBTOTAL:</b>					<b>\$752,194.00</b>		<b>\$746,503.98</b>		<b>\$852,910.00</b>		
<b>MISCELLANEOUS PAVING ITEMS</b>											
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$700.00	\$700.00		
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$1,000.00</b>		<b>\$700.00</b>		<b>\$700.00</b>		
<b>BIDDING SUMMARY</b>											
SUBTOTAL WATER ITEMS					\$336,335.61		\$376,736.61		\$352,555.05		
SUBTOTAL SANITARY ITEMS					\$400,269.91		\$354,604.91		\$332,023.55		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$660,549.90		\$691,330.90		\$656,033.50		
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$31,780.00		\$16,316.00		\$31,920.00		
SUBTOTAL SWPPP ITEMS					\$11,212.00		\$30,307.60		\$23,561.00		
SUBTOTAL PAVING ITEMS					\$752,194.00		\$746,503.98		\$852,910.00		
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$1,000.00		\$700.00		\$700.00		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,193,341.42</b>		<b>\$2,216,500.00</b>		<b>\$2,249,703.10</b>		

**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  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

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

7) TLC CONSTRUCTION CONTRACT  
SERVICES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>					
1	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1458	\$46.00	\$67,068.00
2	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1509	\$41.00	\$61,869.00
3	6" 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	313	\$38.00	\$11,894.00
4	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	281	\$51.00	\$14,331.00
5	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,411.00	\$4,233.00
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$2,030.00	\$12,180.00
7	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	33	\$559.00	\$18,447.00
8	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	23	\$1,033.00	\$23,759.00
9	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$707.00	\$707.00
10	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$7,381.00	\$66,429.00
11	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$7,385.00	\$7,385.00
12	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, COMPLETE IN PLACE	LF	239	\$80.00	\$19,120.00
13	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	127	\$107.00	\$13,589.00
14	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPIILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	938	\$2.00	\$1,876.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3561	\$0.11	\$391.71
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$323,278.71</b>
<b>SANITARY ITEMS</b>					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	67	\$44.00	\$2,948.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	446	\$54.00	\$24,084.00

**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  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

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

7) TLC CONSTRUCTION CONTRACT  
SERVICES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1554	\$52.00	\$80,808.00
4	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	224	\$532.00	\$119,168.00
5	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	917	\$62.00	\$56,854.00
6	LONG SIDE" DOUBLE OR SINGLE 8" 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	622	\$69.00	\$42,918.00
7	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	16	\$1,229.00	\$19,664.00
8	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	11	\$5,024.00	\$55,264.00
9	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	47	\$362.00	\$17,014.00
10	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$152.00	\$152.00
11	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$643.00	\$643.00
12	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2224	\$20.00	\$44,480.00
13	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	2224	\$15.00	\$33,360.00
14	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	1360	\$2.00	\$2,720.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2291	\$0.11	\$252.01

**SANITARY ITEMS SUBTOTAL:****\$500,329.01****DRAINAGE FACILITIES ITEMS**

1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	664	\$120.00	\$79,680.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	174	\$145.00	\$25,230.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	521	\$195.00	\$101,595.00

**BID TABULATION FOR:**

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

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  
 JANUARY 11, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 12, 2024  
 2791-4108 (9.2)

7) TLC CONSTRUCTION CONTRACT  
 SERVICES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	675	\$245.00	\$165,375.00
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	290	\$295.00	\$85,550.00
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	266	\$420.00	\$111,720.00
7	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	5	\$3,382.00	\$16,910.00
8	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$953.00	\$4,765.00
9	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$5,568.00	\$61,248.00
10	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,252.00	\$24,772.00
11	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$7,749.00	\$30,996.00
12	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,351.00	\$9,404.00
13	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$4,448.00	\$31,136.00
14	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$9,503.00	\$85,527.00
15	CONTRACTOR TO ADJUST MANHOLE RIM TO 0.25' ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	2	\$220.00	\$440.00
16	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$661.00	\$661.00
17	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 54" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,146.00	\$1,146.00
18	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES ALL APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,078.00	\$1,078.00
19	CONTRACTOR SHALL REMOVE AND DISPOSE OF 8 FEET OF EXISTING STORM SEWER AND REPAIR EXISTING STORM SEWER MANHOLE, INCLUDES ALL APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$1,323.00	\$1,323.00
20	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
21	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
22	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	3536	\$2.00	\$7,072.00

**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 AND APPURTENANCES  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 12, 2024  
2791-4108 (9.2)

7) TLC CONSTRUCTION CONTRACT  
SERVICES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
23	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2590	\$0.11	\$284.90

**DRAINAGE FACILITIES ITEMS SUBTOTAL:****\$849,412.90****MISCELLANEOUS WS&D ITEMS**

1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1	\$4,939.00	\$4,939.00
2	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
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$25,143.00	\$25,143.00
4	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	480	\$4.00	\$1,920.00

**MISCELLANEOUS WS&D ITEMS SUBTOTAL:****\$34,002.00****SWPPP ITEMS**

1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$4,181.00	\$4,181.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$735.00	\$735.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$3,673.00	\$3,673.00
4	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	20	\$107.00	\$2,140.00
5	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	7	\$107.00	\$749.00
6	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$1,865.00	\$1,865.00
7	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	10524	\$2.00	\$21,048.00
8	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	2	\$45.00	\$90.00

**SWPPP ITEMS SUBTOTAL:****\$34,481.00****PAVING ITEMS**

1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9950	\$64.00	\$636,800.00
2	6" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	10546	\$3.00	\$31,638.00
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	183	\$364.00	\$66,612.00
4	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4891	\$7.00	\$34,237.00
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	416	\$7.00	\$2,912.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
AND PAVING AND APPURTENANCES  
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CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 11, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
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**BID OPENING DATE:**  
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7) TLC CONSTRUCTION CONTRACT  
SERVICES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	COMPLETE LOT GRADING (56 LOTS, 2 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$14,060.00	\$14,060.00
7	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	16700	\$7.00	\$116,900.00
8	CUSTOM VALENCIA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE VALENCIA CUSTOM 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	3	\$1,695.00	\$5,085.00
9	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$3,955.00	\$3,955.00
10	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	12	\$2,674.00	\$32,088.00
11	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,136.00	\$1,136.00
12	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$49.00	\$1,372.00
13	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$57.00	\$57.00
14	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	28	\$41.00	\$1,148.00
15	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	76	\$38.00	\$2,888.00
16	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	76	\$64.00	\$4,864.00

**PAVING ITEMS SUBTOTAL:** **\$955,752.00**

**MISCELLANEOUS PAVING ITEMS**

1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$1,695.00	\$1,695.00
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**MISCELLANEOUS PAVING ITEMS SUBTOTAL:** **\$1,695.00**

**BIDDING SUMMARY**

SUBTOTAL WATER ITEMS	\$323,278.71
SUBTOTAL SANITARY ITEMS	\$500,329.01
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$849,412.90
SUBTOTAL MISCELLANEOUS WS&D ITEMS	\$34,002.00
SUBTOTAL SWPPP ITEMS	\$34,481.00
SUBTOTAL PAVING ITEMS	\$955,752.00
SUBTOTAL MISCELLANEOUS PAVING ITEMS	\$1,695.00
<b>TOTAL AMOUNT BASE BID</b>	<b>\$2,698,950.62</b>