

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
AND PAVING AND APPURTENANCES  
TO SERVE VALENCIA SECTION 2  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
MAY 9, 2023  
LJA ENGINEERING, INC.  
D. FORREST  
MAY 9, 2023  
2791-4102 (9.2)

BID OPENING DATE:  
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) R CONSTRUCTION CIVIL, LLC	\$1,307,213.60	45/55
2) HURTADO CONSTRUCTION COMPANY	\$1,308,993.92	90/110
3) BAY UTILITIES. LLC	\$1,311,187.60	80/95
4) TRIPLE B SERVICES, LLP	\$1,589,501.68	115/125
5) PRECISE SERVICES INC.	\$1,640,605.00	110/125



*Brian T. Edwards*

*5/15/23*

I, Brian T. Edwards, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) HURTADO CONSTRUCTION COMPANY		3) BAY UTILITIES, LLC		
				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	405	\$33.00	\$13,365.00	\$31.88	\$12,911.40	\$29.00	\$11,745.00	
2	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1437	\$38.00	\$54,606.00	\$38.88	\$55,870.56	\$33.00	\$47,421.00	
3	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	88	\$47.00	\$4,136.00	\$38.00	\$3,344.00	\$35.00	\$3,080.00	
4	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00	\$1,388.00	\$2,776.00	\$1,100.00	\$2,200.00	
5	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$1,800.00	\$9,000.00	\$1,888.00	\$9,440.00	\$1,600.00	\$8,000.00	
6	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	18	\$650.00	\$11,700.00	\$588.00	\$10,584.00	\$500.00	\$9,000.00	
7	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	27	\$820.00	\$22,140.00	\$1,198.00	\$32,346.00	\$1,100.00	\$29,700.00	
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$440.00	\$880.00	\$308.00	\$616.00	\$1,000.00	\$2,000.00	
9	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$7,000.00	\$42,000.00	\$6,678.00	\$40,068.00	\$6,400.00	\$38,400.00	
10	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	121	\$120.00	\$14,520.00	\$112.00	\$13,552.00	\$118.00	\$14,278.00	
11	STEEL CASING FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	81	\$110.00	\$8,910.00	\$80.00	\$6,480.00	\$86.00	\$6,966.00	
12	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 8" WATER LINE, INCLUDES EXCAVATION AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	23	\$200.00	\$4,600.00	\$248.00	\$5,704.00	\$113.00	\$2,599.00	
13	2" COMBINATION AIR RELEASE VALVE ASSEMBLY FOR 12" WATER LINE, INCLUDES VENT PIPING, BOLLARD AND SERVICE MANHOLE, COMPLETE IN PLACE	EA	2	\$5,850.00	\$11,700.00	\$13,068.00	\$26,136.00	\$5,000.00	\$10,000.00	
14	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$4,568.00	\$4,568.00	\$5,000.00	\$5,000.00	
15	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	528	\$1.00	\$528.00	\$0.18	\$95.04	\$2.00	\$1,056.00	
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2263	\$0.05	\$113.15	\$0.18	\$407.34	\$0.10	\$226.30	
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$210,798.15</b>		<b>\$224,898.34</b>		<b>\$191,671.30</b>	
<b>SANITARY ITEMS</b>										
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	95	\$29.00	\$2,755.00	\$48.00	\$4,560.00	\$49.00	\$4,655.00	
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1383	\$33.00	\$45,639.00	\$48.78	\$67,462.74	\$51.00	\$70,533.00	

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ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) HURTADO CONSTRUCTION COMPANY		3) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	"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	254	\$38.00	\$9,652.00	\$60.00	\$15,240.00	\$34.00	\$8,636.00
4	"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	724	\$42.00	\$30,408.00	\$56.00	\$40,544.00	\$33.00	\$23,892.00
5	"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	14	\$1,260.00	\$17,640.00	\$1,488.00	\$20,832.00	\$1,000.00	\$14,000.00
6	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	10	\$4,700.00	\$47,000.00	\$4,378.00	\$43,780.00	\$4,500.00	\$45,000.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	59	\$300.00	\$17,700.00	\$280.00	\$16,520.00	\$280.00	\$16,520.00
8	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$175.00	\$175.00	\$8.00	\$8.00	\$600.00	\$600.00
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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
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	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1478	\$1.75	\$2,586.50	\$0.98	\$1,448.44	\$2.00	\$2,956.00
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	917	\$1.00	\$917.00	\$0.18	\$165.06	\$2.00	\$1,834.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2746	\$0.05	\$137.30	\$0.18	\$494.28	\$0.10	\$274.60
<b>SANITARY ITEMS SUBTOTAL:</b>					<b>\$178,109.80</b>		<b>\$214,554.52</b>		<b>\$192,400.60</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	494	\$77.00	\$38,038.00	\$78.00	\$38,532.00	\$66.00	\$32,604.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	413	\$101.00	\$41,713.00	\$98.00	\$40,474.00	\$85.00	\$35,105.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	492	\$141.00	\$69,372.00	\$133.88	\$65,868.96	\$122.00	\$60,024.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	156	\$200.00	\$31,200.00	\$168.00	\$26,208.00	\$180.00	\$28,080.00
5	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$1,550.00	\$13,950.00	\$998.00	\$8,982.00	\$2,000.00	\$18,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,550.00	\$22,950.00	\$1,208.00	\$10,872.00	\$1,000.00	\$9,000.00
7	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,700.00	\$10,200.00	\$1,748.00	\$10,488.00	\$3,000.00	\$18,000.00
8	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,850.00	\$17,100.00	\$2,288.00	\$13,728.00	\$2,000.00	\$12,000.00
9	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$1,850.00	\$1,850.00	\$11,608.00	\$11,608.00	\$4,000.00	\$4,000.00
10	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,150.00	\$3,150.00	\$16,018.00	\$16,018.00	\$3,800.00	\$3,800.00
11	TYPE "E" INLET, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,950.00	\$5,950.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$3,400.00	\$34,000.00	\$2,138.00	\$21,380.00	\$2,500.00	\$25,000.00
13	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,250.00	\$4,250.00	\$2,388.00	\$2,388.00	\$3,500.00	\$3,500.00
14	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$570.00	\$1,140.00	\$8.00	\$16.00	\$1,000.00	\$2,000.00
15	REMOVE EXISTING TYPE "E" INLET TOP AND REPLACE WITH GRATE INLET TOP, FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,230.00	\$1,230.00	\$888.00	\$888.00	\$2,500.00	\$2,500.00
16	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	144	\$9.00	\$1,296.00	\$18.00	\$2,592.00	\$20.00	\$2,880.00
17	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	165	\$85.00	\$14,025.00	\$90.00	\$14,850.00	\$90.00	\$14,850.00
18	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	353	\$28.00	\$9,884.00	\$38.00	\$13,414.00	\$20.00	\$7,060.00
19	PROPOSED SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	392	\$3.00	\$1,176.00	\$1.88	\$736.96	\$2.00	\$784.00
20	TEMPORARY SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	380	\$3.00	\$1,140.00	\$1.88	\$714.40	\$2.00	\$760.00
21	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
22	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
23	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1555	\$2.50	\$3,887.50	\$0.98	\$1,523.90	\$2.50	\$3,887.50
24	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	1696	\$1.00	\$1,696.00	\$0.88	\$1,492.48	\$2.00	\$3,392.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1555	\$0.05	\$77.75	\$0.18	\$279.90	\$0.10	\$155.50
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$332,775.25</b>		<b>\$309,354.60</b>		<b>\$293,882.00</b>

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS WS&amp;D ITEMS</b>									
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	\$22.00	\$2,200.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$13,100.00	\$13,100.00	\$12,958.18	\$12,958.18	\$5,000.00	\$5,000.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$15,300.00</b>		<b>\$14,958.18</b>		<b>\$7,000.00</b>
<b>SWPPP ITEMS</b>									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$388.00	\$388.00	\$1,000.00	\$1,000.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$488.00	\$488.00	\$1,000.00	\$1,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$488.00	\$488.00	\$2,500.00	\$2,500.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$25.00	\$50.00	\$8.00	\$16.00	\$75.00	\$150.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	12	\$25.00	\$300.00	\$8.00	\$96.00	\$30.00	\$360.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$25.00	\$25.00	\$8.00	\$8.00	\$75.00	\$75.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	6	\$25.00	\$150.00	\$8.00	\$48.00	\$30.00	\$180.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6419	\$1.00	\$6,419.00	\$0.38	\$2,439.22	\$1.80	\$11,554.20
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$9,444.00</b>		<b>\$3,971.22</b>		<b>\$16,819.20</b>
<b>PAVING ITEMS</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	6216	\$47.50	\$295,260.00	\$49.68	\$308,810.88	\$52.25	\$324,786.00
2	8" LIME FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	6610	\$3.50	\$23,135.00	\$2.78	\$18,375.80	\$3.75	\$24,787.50
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	99	\$290.00	\$28,710.00	\$298.00	\$29,502.00	\$285.00	\$28,215.00
4	FLY ASH FOR 6" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	131	\$120.00	\$15,720.00	\$148.00	\$19,388.00	\$120.00	\$15,720.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2995	\$3.80	\$11,381.00	\$3.18	\$9,524.10	\$4.00	\$11,980.00
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	468	\$3.80	\$1,778.40	\$3.18	\$1,488.24	\$4.00	\$1,872.00
7	COMPLETE LOT GRADING (46 LOTS, 5 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$9,500.00	\$9,500.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
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	14900	\$3.75	\$55,875.00	\$2.68	\$39,932.00	\$4.50	\$67,050.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES  
 TO SERVE VALENCIA SECTION 2  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 MAY 9, 2023  
 LJA ENGINEERING, INC.  
 D. FORREST  
 MAY 9, 2023  
 2791-4102 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) R CONSTRUCTION CIVIL, LLC		2) HURTADO CONSTRUCTION COMPANY		3) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	3	\$650.00	\$1,950.00	\$638.00	\$1,914.00	\$700.00	\$2,100.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 2 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,100.00	\$2,100.00	\$2,008.00	\$2,008.00	\$2,000.00	\$2,000.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$1,600.00	\$12,800.00	\$1,288.00	\$10,304.00	\$1,700.00	\$13,600.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,188.00	\$1,188.00	\$1,300.00	\$1,300.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$24.00	\$672.00	\$18.00	\$504.00	\$25.00	\$700.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$0.02	\$0.04	\$50.00	\$100.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	56	\$38.00	\$2,128.00	\$18.00	\$1,008.00	\$25.00	\$1,400.00
16	36-INCH RCP CULVERT, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	232	\$150.00	\$34,800.00	\$138.00	\$32,016.00	\$122.00	\$28,304.00
17	SAFETY END TREATMENT FOR 36" RCP (6:1 SLOPE) PER TXDOT DETAIL, COMPLETE IN PLACE	EA	4	\$3,100.00	\$12,400.00	\$5,168.00	\$20,672.00	\$3,800.00	\$15,200.00
18	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$35.00	\$1,225.00	\$24.80	\$868.00	\$25.00	\$875.00
19	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$55.00	\$1,925.00	\$42.00	\$1,470.00	\$45.00	\$1,575.00
<b>PAVING ITEMS SUBTOTAL:</b>					<b>\$512,561.40</b>		<b>\$506,973.06</b>		<b>\$551,564.50</b>
<b>MISCELLANEOUS PAVING ITEMS</b>									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$248.00	\$248.00	\$700.00	\$700.00
2	HAUL EXCESS MATERIAL FROM ROADWAY AND LOT EXCAVATION TO DESIGNATED FILL AREA OFF-SITE, USING OFF ROAD TRUCKS (0.5-1.0 MILE) (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 6" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FILL AREAS, COMPLETE IN PLACE	CY	12700	\$3.75	\$47,625.00	\$2.68	\$34,036.00	\$4.50	\$57,150.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$48,225.00</b>		<b>\$34,284.00</b>		<b>\$57,850.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$210,798.15		\$224,898.34		\$191,671.30
SUBTOTAL SANITARY ITEMS					\$178,109.80		\$214,554.52		\$192,400.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$332,775.25		\$309,354.60		\$293,882.00
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$15,300.00		\$14,958.18		\$7,000.00
SUBTOTAL SWPPP ITEMS					\$9,444.00		\$3,971.22		\$16,819.20
SUBTOTAL PAVING ITEMS					\$512,561.40		\$506,973.06		\$551,564.50
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$48,225.00		\$34,284.00		\$57,850.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,307,213.60</b>		<b>\$1,308,993.92</b>		<b>\$1,311,187.60</b>

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 MAY 9, 2023  
 LJA ENGINEERING, INC.  
 D. FORREST  
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 2791-4102 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				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	405	\$37.00	\$14,985.00	\$39.50	\$15,997.50
2	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1437	\$43.00	\$61,791.00	\$45.00	\$64,665.00
3	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	88	\$55.00	\$4,840.00	\$61.50	\$5,412.00
4	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,660.00	\$3,320.00	\$1,850.00	\$3,700.00
5	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	5	\$2,250.00	\$11,250.00	\$2,500.00	\$12,500.00
6	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	18	\$475.00	\$8,550.00	\$725.00	\$13,050.00
7	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	27	\$1,320.00	\$35,640.00	\$1,500.00	\$40,500.00
8	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$925.00	\$1,850.00
9	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$7,280.00	\$43,680.00	\$8,750.00	\$52,500.00
10	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	121	\$113.00	\$13,673.00	\$155.00	\$18,755.00
11	STEEL CASING FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	81	\$85.00	\$6,885.00	\$140.00	\$11,340.00
12	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 8" WATER LINE, INCLUDES EXCAVATION AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	23	\$126.00	\$2,898.00	\$185.00	\$4,255.00
13	2" COMBINATION AIR RELEASE VALVE ASSEMBLY FOR 12" WATER LINE, INCLUDES VENT PIPING, BOLLARD AND SERVICE MANHOLE, COMPLETE IN PLACE	EA	2	\$3,410.00	\$6,820.00	\$10,500.00	\$21,000.00
14	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$5,220.00	\$5,220.00	\$6,500.00	\$6,500.00
15	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	528	\$4.50	\$2,376.00	\$2.50	\$1,320.00
16	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2263	\$0.12	\$271.56	\$0.10	\$226.30
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$224,399.56</b>		<b>\$273,570.80</b>
<b>SANITARY ITEMS</b>							
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	95	\$49.50	\$4,702.50	\$40.00	\$3,800.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1383	\$49.50	\$68,458.50	\$45.00	\$62,235.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 MAY 9, 2023  
 LJA ENGINEERING, INC.  
 D. FORREST  
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 2791-4102 (9.2)

**BID OPENING DATE:**  
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ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	"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	254	\$65.00	\$16,510.00	\$75.00	\$19,050.00
4	"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	724	\$63.00	\$45,612.00	\$74.50	\$53,938.00
5	"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	14	\$1,480.00	\$20,720.00	\$1,350.00	\$18,900.00
6	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	10	\$5,700.00	\$57,000.00	\$5,750.00	\$57,500.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	59	\$323.00	\$19,057.00	\$285.00	\$16,815.00
8	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$362.00	\$362.00	\$465.00	\$465.00
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	100	\$40.00	\$4,000.00	\$20.00	\$2,000.00
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	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
11	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1478	\$1.40	\$2,069.20	\$1.25	\$1,847.50
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	917	\$6.70	\$6,143.90	\$2.50	\$2,292.50
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2746	\$0.12	\$329.52	\$0.10	\$274.60
<b>SANITARY ITEMS SUBTOTAL:</b>					<b>\$246,464.62</b>		<b>\$240,617.60</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	494	\$93.00	\$45,942.00	\$90.50	\$44,707.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	413	\$119.00	\$49,147.00	\$115.00	\$47,495.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	492	\$161.00	\$79,212.00	\$170.00	\$83,640.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	156	\$235.00	\$36,660.00	\$265.00	\$41,340.00
5	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$2,820.00	\$25,380.00	\$2,550.00	\$22,950.00



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ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,420.00	\$21,780.00	\$1,600.00	\$14,400.00
7	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$2,890.00	\$17,340.00	\$2,950.00	\$17,700.00
8	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$3,630.00	\$21,780.00	\$2,800.00	\$16,800.00
9	STAGE I - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	1	\$2,890.00	\$2,890.00	\$3,350.00	\$3,350.00
10	STAGE II - STANDARD 15' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,840.00	\$4,840.00	\$4,050.00	\$4,050.00
11	TYPE "E" INLET, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,760.00	\$4,760.00	\$7,250.00	\$7,250.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$4,770.00	\$47,700.00	\$5,900.00	\$59,000.00
13	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$11,500.00	\$11,500.00
14	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$625.00	\$1,250.00	\$660.00	\$1,320.00
15	REMOVE EXISTING TYPE "E" INLET TOP AND REPLACE WITH GRATE INLET TOP, FOR 48" STORM SEWER AND LARGER , ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,360.00	\$2,360.00	\$2,600.00	\$2,600.00
16	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	144	\$5.00	\$720.00	\$25.50	\$3,672.00
17	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	165	\$74.00	\$12,210.00	\$100.00	\$16,500.00
18	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	353	\$22.00	\$7,766.00	\$56.50	\$19,944.50
19	PROPOSED SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	392	\$3.60	\$1,411.20	\$10.00	\$3,920.00
20	TEMPORARY SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	380	\$3.60	\$1,368.00	\$8.25	\$3,135.00
21	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	\$40.00	\$4,000.00	\$20.00	\$2,000.00
22	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
23	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1555	\$2.00	\$3,110.00	\$1.85	\$2,876.75
24	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	1696	\$5.65	\$9,582.40	\$2.50	\$4,240.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1555	\$0.12	\$186.60	\$0.10	\$155.50
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$407,695.20</b>		<b>\$436,045.75</b>

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ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS WS&amp;D ITEMS</b>							
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	\$58.00	\$5,800.00	\$50.00	\$5,000.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$4,050.00	\$4,050.00	\$13,000.00	\$13,000.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$9,850.00</b>	<b>\$18,000.00</b>	
<b>SWPPP ITEMS</b>							
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$2,860.00	\$2,860.00	\$2,000.00	\$2,000.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$1,020.00	\$1,020.00	\$1,500.00	\$1,500.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$5,040.00	\$5,040.00	\$2,000.00	\$2,000.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$102.00	\$204.00	\$65.00	\$130.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	12	\$68.00	\$816.00	\$65.00	\$780.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$102.00	\$102.00	\$65.00	\$65.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	6	\$68.00	\$408.00	\$65.00	\$390.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6419	\$2.40	\$15,405.60	\$2.15	\$13,800.85
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$25,855.60</b>	<b>\$20,665.85</b>	
<b>PAVING ITEMS</b>							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	6216	\$49.00	\$304,584.00	\$49.50	\$307,692.00
2	8" LIME FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	6610	\$5.00	\$33,050.00	\$4.50	\$29,745.00
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	99	\$312.00	\$30,888.00	\$300.00	\$29,700.00
4	FLY ASH FOR 6" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	131	\$125.00	\$16,375.00	\$135.00	\$17,685.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2995	\$4.30	\$12,878.50	\$5.00	\$14,975.00
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	468	\$4.40	\$2,059.20	\$5.00	\$2,340.00
7	COMPLETE LOT GRADING (46 LOTS, 5 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$13,360.00	\$13,360.00	\$10,750.00	\$10,750.00
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	14900	\$5.60	\$83,440.00	\$4.50	\$67,050.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES  
 TO SERVE VALENCIA SECTION 2  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 MAY 9, 2023  
 LJA ENGINEERING, INC.  
 D. FORREST  
 MAY 9, 2023  
 2791-4102 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	3	\$730.00	\$2,190.00	\$710.00	\$2,130.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 2 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,340.00	\$2,340.00	\$2,250.00	\$2,250.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$1,640.00	\$13,120.00	\$1,450.00	\$11,600.00
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,330.00	\$1,330.00	\$1,300.00	\$1,300.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$16.00	\$448.00	\$18.50	\$518.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$175.00	\$350.00	\$100.00	\$200.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	56	\$16.00	\$896.00	\$30.00	\$1,680.00
16	36-INCH RCP CULVERT, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	232	\$161.00	\$37,352.00	\$170.00	\$39,440.00
17	SAFETY END TREATMENT FOR 36" RCP (6:1 SLOPE) PER TXDOT DETAIL, COMPLETE IN PLACE	EA	4	\$4,940.00	\$19,760.00	\$5,750.00	\$23,000.00
18	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$25.00	\$875.00	\$25.00	\$875.00
19	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	35	\$42.00	\$1,470.00	\$70.00	\$2,450.00
<b>PAVING ITEMS SUBTOTAL:</b>					<b>\$576,765.70</b>	<b>\$565,380.00</b>	
<b>MISCELLANEOUS PAVING ITEMS</b>							
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$681.00	\$681.00	\$600.00	\$600.00
2	HAUL EXCESS MATERIAL FROM ROADWAY AND LOT EXCAVATION TO DESIGNATED FILL AREA OFF-SITE, USING OFF ROAD TRUCKS (0.5-1.0 MILE) (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 6" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FILL AREAS, COMPLETE IN PLACE	CY	12700	\$7.70	\$97,790.00	\$6.75	\$85,725.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$98,471.00</b>	<b>\$86,325.00</b>	
<b>BIDDING SUMMARY</b>							
SUBTOTAL WATER ITEMS					\$224,399.56	\$273,570.80	
SUBTOTAL SANITARY ITEMS					\$246,464.62	\$240,617.60	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$407,695.20	\$436,045.75	
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$9,850.00	\$18,000.00	
SUBTOTAL SWPPP ITEMS					\$25,855.60	\$20,665.85	
SUBTOTAL PAVING ITEMS					\$576,765.70	\$565,380.00	
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$98,471.00	\$86,325.00	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,589,501.68</b>	<b>\$1,640,605.00</b>	