

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
TO SERVE VALENCIA SECTION 7
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
MAY 9, 2023
LJA ENGINEERING, INC.
D. FORREST
MAY 9, 2023
2791-4107 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) HURTADO CONSTRUCTION COMPANY	\$1,038,760.76	45/60
2) BAY UTILITIES. LLC	\$1,056,892.35	75/100
3) R CONSTRUCTION CIVIL, LLC	\$1,098,939.20	40/50
4) TRIPLE B SERVICES, LLP	\$1,314,830.55	95/105
5) PRECISE SERVICES INC.	\$1,340,635.05	100/125



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) HURTADO CONSTRUCTION COMPANY		2) BAY UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
				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, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1360	\$38.78	\$52,740.80	\$33.00	\$44,880.00	\$38.00	\$51,680.00
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	EA	226	\$42.28	\$9,555.28	\$36.00	\$8,136.00	\$49.00	\$11,074.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,888.00	\$11,328.00	\$1,600.00	\$9,600.00	\$1,910.00	\$11,460.00
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	19	\$588.00	\$11,172.00	\$500.00	\$9,500.00	\$540.00	\$10,260.00
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	30	\$1,198.00	\$35,940.00	\$1,100.00	\$33,000.00	\$900.00	\$27,000.00
6	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$1,000.00	\$2,000.00	\$440.00	\$880.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$6,668.00	\$40,008.00	\$6,100.00	\$36,600.00	\$6,700.00	\$40,200.00
8	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	129	\$112.00	\$14,448.00	\$106.00	\$13,674.00	\$90.00	\$11,610.00
9	TRENCHLESS CONSTRUCTION FOR PVC CASING FOR 8" WATER LINES, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	20	\$8.00	\$160.00	\$65.00	\$1,300.00	\$500.00	\$10,000.00
10	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	2	\$5,268.00	\$10,536.00	\$4,800.00	\$9,600.00	\$5,300.00	\$10,600.00
11	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	445	\$0.18	\$80.10	\$2.00	\$890.00	\$1.00	\$445.00
12	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3421	\$0.18	\$615.78	\$0.10	\$342.10	\$0.05	\$171.05
WATER ITEMS SUBTOTAL:					\$186,599.96		\$169,522.10		\$185,380.05
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	1059	\$48.00	\$50,832.00	\$48.00	\$50,832.00	\$34.00	\$36,006.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	326	\$50.98	\$16,619.48	\$54.00	\$17,604.00	\$39.00	\$12,714.00
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	692	\$55.88	\$38,668.96	\$30.00	\$20,760.00	\$40.00	\$27,680.00
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	15	\$1,488.00	\$22,320.00	\$1,000.00	\$15,000.00	\$1,200.00	\$18,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) BAY UTILITIES, LLC		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, TIE INTO EXISTING SANITARY SEWER, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$1,988.00	\$1,988.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
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	7	\$4,688.00	\$32,816.00	\$4,500.00	\$31,500.00	\$4,750.00	\$33,250.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	47	\$280.00	\$13,160.00	\$280.00	\$13,160.00	\$300.00	\$14,100.00
8	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$500.00	\$1,000.00	\$180.00	\$360.00
9	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	1	\$118.38	\$118.38	\$100.00	\$100.00	\$80.00	\$80.00
10	P.V.C. CASING FOR 8" SANITARY SEWER (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	20	\$120.00	\$2,400.00	\$97.00	\$1,940.00	\$90.00	\$1,800.00
11	TRENCHLESS CONSTRUCTION FOR PVC CASING FOR 8" SANITARY SEWER, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	20	\$8.00	\$160.00	\$65.00	\$1,300.00	\$500.00	\$10,000.00
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	1485	\$20.00	\$29,700.00	\$20.00	\$29,700.00	\$20.00	\$29,700.00
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	1485	\$15.00	\$22,275.00	\$15.00	\$22,275.00	\$15.00	\$22,275.00
14	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1385	\$0.98	\$1,357.30	\$2.00	\$2,770.00	\$1.75	\$2,423.75
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	720	\$0.18	\$129.60	\$2.00	\$1,440.00	\$1.00	\$720.00
16	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2280	\$0.18	\$410.40	\$0.10	\$228.00	\$0.05	\$114.00
SANITARY ITEMS SUBTOTAL:					\$232,971.12		\$210,809.00		\$210,422.75
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	716	\$72.18	\$51,680.88	\$67.00	\$47,972.00	\$75.00	\$53,700.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	296	\$98.00	\$29,008.00	\$86.00	\$25,456.00	\$100.00	\$29,600.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$128.00	\$75,776.00	\$122.00	\$72,224.00	\$140.00	\$82,880.00
4	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$998.00	\$7,984.00	\$2,000.00	\$16,000.00	\$1,550.00	\$12,400.00
5	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,208.00	\$9,664.00	\$1,000.00	\$8,000.00	\$2,550.00	\$20,400.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,748.00	\$10,488.00	\$3,000.00	\$18,000.00	\$1,700.00	\$10,200.00
7	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,288.00	\$13,728.00	\$2,000.00	\$12,000.00	\$2,850.00	\$17,100.00
8	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,138.00	\$19,242.00	\$2,500.00	\$22,500.00	\$3,300.00	\$29,700.00
9	STANDARD TYPE "C" MANHOLE WITH GRATE INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,280.00	\$2,280.00	\$2,700.00	\$2,700.00	\$3,500.00	\$3,500.00
10	REMOVE EXISTING REINFORCED CONCRETE TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,850.00	\$3,700.00	\$2,200.00	\$4,400.00	\$2,150.00	\$4,300.00
11	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$600.00	\$1,200.00	\$570.00	\$1,140.00
12	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,100.00	\$1,100.00	\$570.00	\$570.00
13	PROPOSED SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1014	\$1.88	\$1,906.32	\$2.00	\$2,028.00	\$3.00	\$3,042.00
14	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
15	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
16	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1604	\$0.98	\$1,571.92	\$2.50	\$4,010.00	\$2.50	\$4,010.00
17	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	1685	\$0.18	\$303.30	\$2.00	\$3,370.00	\$1.00	\$1,685.00
18	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1604	\$0.18	\$288.72	\$0.10	\$160.40	\$0.05	\$80.20
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$231,937.14		\$244,620.40		\$277,807.20
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	\$10,298.00	\$10,298.00	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$12,298.00		\$7,000.00		\$13,000.00
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$388.00	\$388.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00

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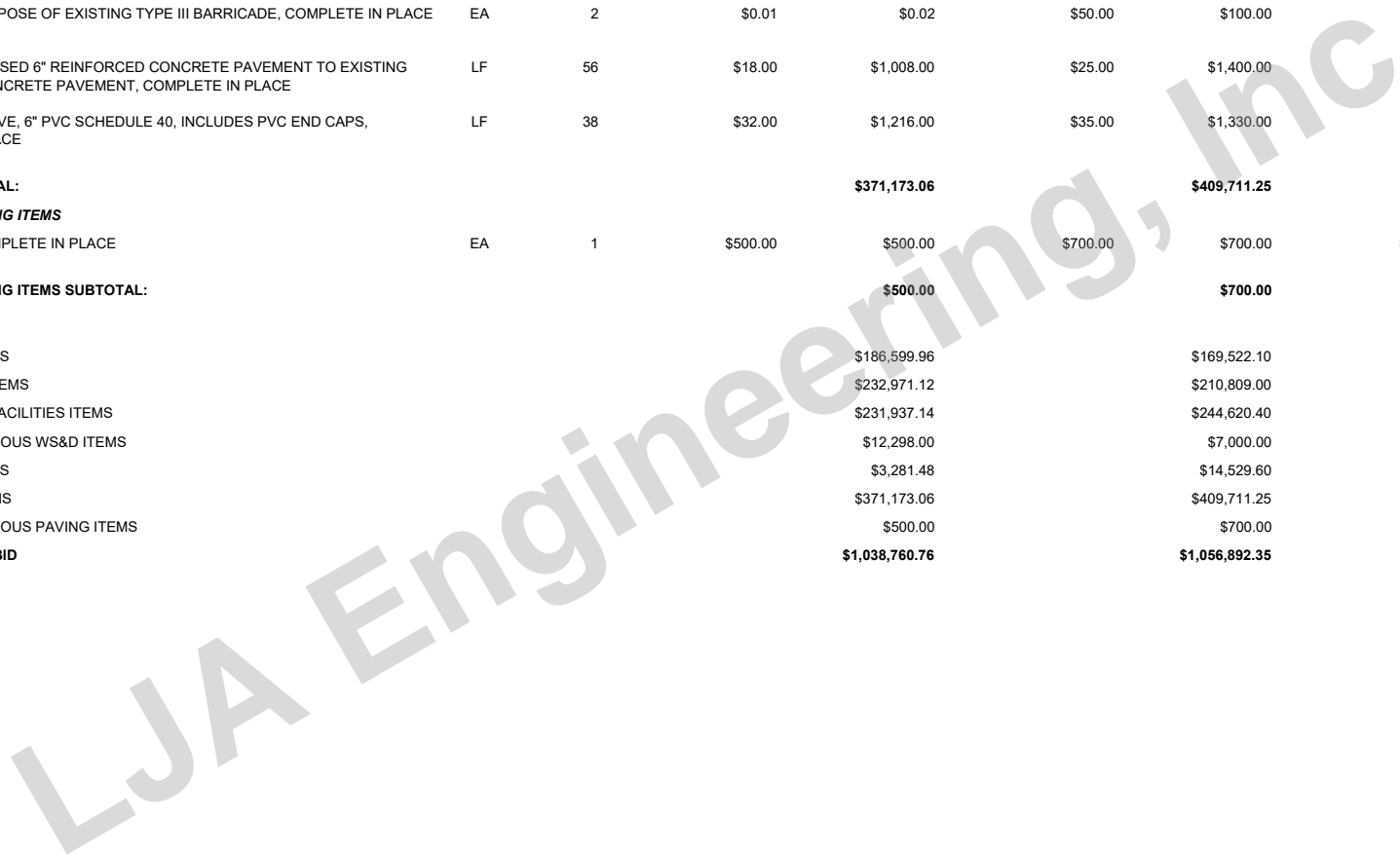
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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$488.00	\$488.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$488.00	\$488.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$0.38	\$0.76	\$75.00	\$150.00	\$25.00	\$50.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	14	\$0.38	\$5.32	\$30.00	\$420.00	\$25.00	\$350.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$0.38	\$1.52	\$75.00	\$300.00	\$25.00	\$100.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$0.38	\$1.52	\$30.00	\$120.00	\$25.00	\$100.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	5022	\$0.38	\$1,908.36	\$1.80	\$9,039.60	\$1.00	\$5,022.00
SWPPP ITEMS SUBTOTAL:					\$3,281.48		\$14,529.60		\$8,122.00
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5129	\$49.68	\$254,808.72	\$52.25	\$267,990.25	\$50.00	\$256,450.00
2	8" LIME / FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5480	\$2.88	\$15,782.40	\$3.75	\$20,550.00	\$6.00	\$32,880.00
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	109	\$298.00	\$32,482.00	\$285.00	\$31,065.00	\$290.00	\$31,610.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	145	\$148.00	\$21,460.00	\$120.00	\$17,400.00	\$120.00	\$17,400.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2717	\$3.18	\$8,640.06	\$4.00	\$10,868.00	\$3.80	\$10,324.60
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	327	\$3.18	\$1,039.86	\$4.00	\$1,308.00	\$3.80	\$1,242.60
7	COMPLETE LOT GRADING (49 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00	\$9,400.00	\$9,400.00
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	5200	\$2.68	\$13,936.00	\$5.00	\$26,000.00	\$3.80	\$19,760.00
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., COMPLETE IN PLACE	EA	3	\$8.00	\$24.00	\$700.00	\$2,100.00	\$650.00	\$1,950.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 7 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$888.00	\$888.00	\$3,000.00	\$3,000.00	\$2,150.00	\$2,150.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$1,288.00	\$10,304.00	\$1,700.00	\$13,600.00	\$1,600.00	\$12,800.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$1,300.00	\$2,600.00	\$1,190.00	\$2,380.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	56	\$28.00	\$1,568.00	\$25.00	\$1,400.00	\$24.00	\$1,344.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$0.01	\$0.02	\$50.00	\$100.00	\$1.00	\$2.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	56	\$18.00	\$1,008.00	\$25.00	\$1,400.00	\$38.00	\$2,128.00
16	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$32.00	\$1,216.00	\$35.00	\$1,330.00	\$47.00	\$1,786.00
PAVING ITEMS SUBTOTAL:					\$371,173.06		\$409,711.25		\$403,607.20
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$700.00	\$700.00	\$600.00	\$600.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$500.00		\$700.00		\$600.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER ITEMS					\$186,599.96		\$169,522.10		\$185,380.05
SUBTOTAL SANITARY ITEMS					\$232,971.12		\$210,809.00		\$210,422.75
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$231,937.14		\$244,620.40		\$277,807.20
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$12,298.00		\$7,000.00		\$13,000.00
SUBTOTAL SWPPP ITEMS					\$3,281.48		\$14,529.60		\$8,122.00
SUBTOTAL PAVING ITEMS					\$371,173.06		\$409,711.25		\$403,607.20
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$500.00		\$700.00		\$600.00
TOTAL AMOUNT BASE BID					\$1,038,760.76		\$1,056,892.35		\$1,098,939.20



BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 TO SERVE VALENCIA SECTION 7
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 MAY 9, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 MAY 9, 2023
 2791-4107 (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
WATER ITEMS							
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1360	\$45.00	\$61,200.00	\$49.50	\$67,320.00
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	EA	226	\$52.00	\$11,752.00	\$60.00	\$13,560.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$2,230.00	\$13,380.00	\$2,550.00	\$15,300.00
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	19	\$482.00	\$9,158.00	\$720.00	\$13,680.00
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	30	\$1,330.00	\$39,900.00	\$1,650.00	\$49,500.00
6	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$1,110.00	\$2,220.00	\$1,150.00	\$2,300.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$7,300.00	\$43,800.00	\$8,450.00	\$50,700.00
8	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	129	\$120.00	\$15,480.00	\$120.00	\$15,480.00
9	TRENCHLESS CONSTRUCTION FOR PVC CASING FOR 8" WATER LINES, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	20	\$133.00	\$2,660.00	\$180.00	\$3,600.00
10	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	2	\$5,880.00	\$11,760.00	\$6,750.00	\$13,500.00
11	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	445	\$6.35	\$2,825.75	\$2.50	\$1,112.50
12	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3421	\$0.12	\$410.52	\$0.10	\$342.10
WATER ITEMS SUBTOTAL:					\$214,546.27		\$246,394.60
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	1059	\$50.00	\$52,950.00	\$46.00	\$48,714.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	326	\$69.00	\$22,494.00	\$50.00	\$16,300.00
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	692	\$71.00	\$49,132.00	\$85.00	\$58,820.00
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	15	\$1,730.00	\$25,950.00	\$1,450.00	\$21,750.00

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 AND PAVING AND APPURTENANCES
 TO SERVE VALENCIA SECTION 7
 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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 2791-4107 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, TIE INTO EXISTING SANITARY SEWER, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$2,090.00	\$2,090.00	\$1,550.00	\$1,550.00
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	7	\$5,950.00	\$41,650.00	\$6,100.00	\$42,700.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	47	\$326.00	\$15,322.00	\$295.00	\$13,865.00
8	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	2	\$365.00	\$730.00	\$405.00	\$810.00
9	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	1	\$539.00	\$539.00	\$315.00	\$315.00
10	P.V.C. CASING FOR 8" SANITARY SEWER (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	20	\$122.00	\$2,440.00	\$130.00	\$2,600.00
11	TRENCHLESS CONSTRUCTION FOR PVC CASING FOR 8" SANITARY SEWER, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	20	\$133.00	\$2,660.00	\$180.00	\$3,600.00
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	1485	\$34.25	\$50,861.25	\$20.00	\$29,700.00
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	1485	\$15.00	\$22,275.00	\$15.00	\$22,275.00
14	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1385	\$1.40	\$1,939.00	\$1.25	\$1,731.25
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	720	\$7.50	\$5,400.00	\$2.50	\$1,800.00
16	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2280	\$0.12	\$273.60	\$0.10	\$228.00
SANITARY ITEMS SUBTOTAL:					\$296,705.85		\$266,758.25
DRAINAGE FACILITIES ITEMS							
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	716	\$94.00	\$67,304.00	\$90.50	\$64,798.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	296	\$120.00	\$35,520.00	\$115.00	\$34,040.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	592	\$162.00	\$95,904.00	\$165.00	\$97,680.00
4	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	8	\$2,820.00	\$22,560.00	\$2,650.00	\$21,200.00
5	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,520.00	\$12,160.00	\$1,650.00	\$13,200.00

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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
 MAY 9, 2023
 2791-4107 (9.2)

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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 I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$3,170.00	\$19,020.00	\$2,950.00	\$17,700.00
7	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,750.00	\$16,500.00	\$2,900.00	\$17,400.00
8	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$6,110.00	\$54,990.00	\$6,100.00	\$54,900.00
9	STANDARD TYPE "C" MANHOLE WITH GRATE INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00	\$5,350.00	\$5,350.00
10	REMOVE EXISTING REINFORCED CONCRETE TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, FOR 42" STORM SEWER AND SMALLER , ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,210.00	\$4,420.00	\$3,100.00	\$6,200.00
11	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$629.00	\$1,258.00	\$890.00	\$1,780.00
12	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,540.00	\$1,540.00	\$7,500.00	\$7,500.00
13	PROPOSED SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1014	\$3.60	\$3,650.40	\$9.50	\$9,633.00
14	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	\$34.00	\$3,400.00	\$20.00	\$2,000.00
15	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
16	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1604	\$2.10	\$3,368.40	\$1.85	\$2,967.40
17	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	1685	\$5.25	\$8,846.25	\$2.50	\$4,212.50
18	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1604	\$0.12	\$192.48	\$0.10	\$160.40
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$357,633.53		\$362,221.30
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	\$23.00	\$2,300.00	\$20.00	\$2,000.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$4,190.00	\$4,190.00	\$11,040.00	\$11,040.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$6,490.00		\$13,040.00
SWPPP ITEMS							
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$4,160.00	\$4,160.00	\$2,000.00	\$2,000.00

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 TO SERVE VALENCIA SECTION 7
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 MAY 9, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 MAY 9, 2023
 2791-4107 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRECISE SERVICES INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$1,030.00	\$1,030.00	\$1,850.00	\$1,850.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$5,080.00	\$5,080.00	\$2,000.00	\$2,000.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$103.00	\$206.00	\$65.00	\$130.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	14	\$69.00	\$966.00	\$65.00	\$910.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$103.00	\$412.00	\$65.00	\$260.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$69.00	\$276.00	\$65.00	\$260.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	5022	\$2.50	\$12,555.00	\$2.15	\$10,797.30
SWPPP ITEMS SUBTOTAL:					\$24,685.00	\$18,207.30	
PAVING ITEMS							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5129	\$49.70	\$254,911.30	\$53.00	\$271,837.00
2	8" LIME / FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5480	\$4.80	\$26,304.00	\$5.50	\$30,140.00
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	109	\$314.00	\$34,226.00	\$300.00	\$32,700.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	145	\$126.00	\$18,270.00	\$130.00	\$18,850.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2717	\$4.40	\$11,954.80	\$5.15	\$13,992.55
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	327	\$4.40	\$1,438.80	\$5.15	\$1,684.05
7	COMPLETE LOT GRADING (49 LOTS, 1 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$13,200.00	\$13,200.00	\$10,500.00	\$10,500.00
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	5200	\$5.70	\$29,640.00	\$5.75	\$29,900.00
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., COMPLETE IN PLACE	EA	3	\$734.00	\$2,202.00	\$730.00	\$2,190.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 7 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,450.00	\$2,450.00	\$2,450.00	\$2,450.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	8	\$1,650.00	\$13,200.00	\$1,500.00	\$12,000.00

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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
12	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,340.00	\$2,680.00	\$1,350.00	\$2,700.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	56	\$16.00	\$896.00	\$20.00	\$1,120.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$176.00	\$352.00	\$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	\$32.50	\$1,820.00
16	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$37.00	\$1,406.00	\$35.00	\$1,330.00
PAVING ITEMS SUBTOTAL:					\$414,026.90		\$433,413.60
MISCELLANEOUS PAVING ITEMS							
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$743.00	\$743.00	\$600.00	\$600.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$743.00		\$600.00
<u>BIDDING SUMMARY</u>							
SUBTOTAL WATER ITEMS					\$214,546.27		\$246,394.60
SUBTOTAL SANITARY ITEMS					\$296,705.85		\$266,758.25
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$357,633.53		\$362,221.30
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$6,490.00		\$13,040.00
SUBTOTAL SWPPP ITEMS					\$24,685.00		\$18,207.30
SUBTOTAL PAVING ITEMS					\$414,026.90		\$433,413.60
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$743.00		\$600.00
TOTAL AMOUNT BASE BID					\$1,314,830.55		\$1,340,635.05

