

**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 DOGWOOD AVENUE - SEGMENT A  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 19, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 19, 2024  
2791-8004 (9 2)

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) ICON GC LLC	\$2,125,000.00	115/140
2) PRINCIPAL SERVICES, LTD	\$2,234,904.70	80/90
3) R CONSTRUCTION CIVIL, LLC	\$2,259,888.65	115/140
4) PRECISE SERVICES INC.	\$2,316,484.80	90/120



*Brian T. Edwards*

*1/23/24*

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

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 2791-8004 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) ICON GC LLC		2) PRINCIPAL SERVICES, LTD		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, COMPLETE IN PLACE	LF	179	\$45.00	\$8,055.00	\$35.00	\$6,265.00	\$39.00	\$6,981.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	42	\$72.00	\$3,024.00	\$62.00	\$2,604.00	\$68.00	\$2,856.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$2,250.00	\$9,000.00	\$1,991.00	\$7,964.00	\$2,200.00	\$8,800.00
4	16" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1627	\$80.00	\$130,160.00	\$114.00	\$185,478.00	\$117.00	\$190,359.00
5	16" 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	309	\$155.00	\$47,895.00	\$167.00	\$51,603.00	\$174.00	\$53,766.00
6	16" BUTTERFLY VALVE & BOX, COMPLETE IN PLACE	EA	4	\$6,850.00	\$27,400.00	\$6,682.00	\$26,728.00	\$7,400.00	\$29,600.00
7	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$625.00	\$625.00	\$400.00	\$400.00
8	16" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,583.00	\$1,583.00	\$1,300.00	\$1,300.00
9	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	7	\$8,500.00	\$45,500.00	\$8,375.00	\$58,625.00	\$8,300.00	\$58,100.00
10	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	3	\$5,250.00	\$15,750.00	\$5,905.00	\$17,715.00	\$5,850.00	\$17,550.00
11	2" COMBINATION AIR RELEASE VALVE ASSEMBLY FOR 16" WATER LINE, INCLUDES VENT PIPING, BOLLARD AND SERVICE MANHOLE, COMPLETE IN PLACE	EA	2	\$9,000.00	\$18,000.00	\$8,934.00	\$13,868.00	\$9,100.00	\$18,200.00
12	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	78	\$73.00	\$5,694.00	\$79.00	\$6,162.00	\$78.00	\$6,084.00
13	TRENCHLESS CONSTRUCTION FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	14	\$100.00	\$1,400.00	\$100.00	\$1,400.00	\$364.00	\$5,096.00
14	P.V.C. CASING FOR 16" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	63	\$180.00	\$11,340.00	\$153.00	\$9,639.00	\$152.00	\$9,576.00
15	STEEL CASING FOR 16" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$185.00	\$9,990.00	\$116.00	\$6,264.00	\$116.00	\$6,264.00
16	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 16" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$125.00	\$6,750.00	\$100.00	\$5,400.00	\$552.00	\$29,808.00
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	916	\$5.00	\$4,580.00	\$2.00	\$1,832.00	\$1.00	\$916.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2089	\$0.01	\$20.89	\$0.10	\$208.90	\$0.10	\$208.90
WATER ITEMS SUBTOTAL:					\$347,358.89		\$403,963.90		\$445,864.90

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SANITARY ITEMS									
1	18" P.V.C. SEWER PIPE, ASTM F-679, PS 115, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1702	\$135.00	\$229,770.00	\$160.00	\$272,320.00	\$121.00	\$205,942.00
2	18" P.V.C. SEWER PIPE, ASTM F-679, PS 115, 20'-24' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	263	\$155.00	\$40,765.00	\$192.00	\$50,496.00	\$148.00	\$38,924.00
3	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	\$7,500.00	\$75,000.00	\$7,075.00	\$70,750.00	\$5,350.00	\$53,500.00
4	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	107	\$1.00	\$107.00	\$315.00	\$33,705.00	\$350.00	\$37,450.00
5	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 18" SANITARY SEWER TO EXISTING 18" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,643.00	\$1,643.00	\$1,600.00	\$1,600.00
6	TRENCHLESS CONSTRUCTION FOR 18" SANITARYSEWER, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$225.00	\$12,150.00	\$100.00	\$5,400.00	\$429.00	\$23,166.00
7	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1965	\$20.00	\$39,300.00	\$20.00	\$39,300.00	\$20.00	\$39,300.00
8	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	1965	\$15.00	\$29,475.00	\$15.00	\$29,475.00	\$15.00	\$29,475.00
9	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	1896	\$5.00	\$9,480.00	\$2.00	\$3,792.00	\$1.00	\$1,896.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1911	\$0.01	\$19.11	\$0.10	\$191.10	\$0.10	\$191.10
SANITARY ITEMS SUBTOTAL:					\$436,166.11		\$507,072.10		\$431,444.10
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	502	\$110.00	\$55,220.00	\$97.00	\$48,694.00	\$83.00	\$41,666.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	920	\$120.00	\$110,400.00	\$103.00	\$94,760.00	\$107.00	\$98,440.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	479	\$155.00	\$74,245.00	\$145.00	\$69,455.00	\$151.00	\$72,329.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	148	\$230.00	\$34,040.00	\$211.00	\$31,228.00	\$209.00	\$30,932.00
5	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	14	\$3,500.00	\$49,000.00	\$1,330.00	\$18,620.00	\$1,200.00	\$16,800.00
6	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$1,600.00	\$22,400.00	\$1,888.00	\$26,432.00	\$2,550.00	\$35,700.00
7	TYPE "E" INLET, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,400.00	\$2,400.00	\$2,741.00	\$2,741.00	\$2,400.00	\$2,400.00
8	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$3,000.00	\$24,000.00	\$2,864.00	\$22,912.00	\$3,000.00	\$24,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$2,884.00	\$2,884.00	\$3,200.00	\$3,200.00
10	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,100.00	\$10,200.00	\$3,876.00	\$7,752.00	\$4,300.00	\$8,600.00
11	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$2,884.00	\$2,884.00	\$2,800.00	\$2,800.00
12	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$292.00	\$292.00	\$850.00	\$850.00
13	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	3	\$10.00	\$30.00	\$298.00	\$888.00	\$850.00	\$1,950.00
14	PROPOSED SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1590	\$8.00	\$9,540.00	\$2.00	\$3,180.00	\$3.00	\$4,770.00
15	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	\$25.00	\$2,500.00	\$20.00	\$2,000.00
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTIONS OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
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	2210	\$5.00	\$11,050.00	\$2.00	\$4,420.00	\$1.00	\$2,210.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2049	\$0.01	\$20.49	\$0.10	\$204.90	\$0.10	\$204.90
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$411,555.49</b>		<b>\$341,308.90</b>		<b>\$350,151.90</b>
<b>MANVEL OUTFALL 1 ITEMS</b>									
1	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	667	\$275.00	\$183,425.00	\$249.00	\$166,083.00	\$245.00	\$163,415.00
2	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$6,500.00	\$32,500.00	\$3,874.00	\$19,370.00	\$5,050.00	\$25,250.00
3	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$294.00	\$294.00	\$850.00	\$850.00
4	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	\$25.00	\$2,500.00	\$20.00	\$2,000.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTIONS OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
6	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	3783	\$5.00	\$18,915.00	\$2.00	\$7,566.00	\$1.00	\$3,783.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	667	\$0.01	\$6.67	\$0.10	\$66.70	\$0.10	\$66.70
<b>MANVEL OUTFALL 1 ITEMS SUBTOTAL:</b>					<b>\$238,356.67</b>		<b>\$197,379.70</b>		<b>\$198,664.70</b>

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	\$19,885.84	\$19,885.84	\$15,000.00	\$15,000.00	\$30,500.00	\$30,500.00
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	254	\$6.00	\$1,524.00	\$3.00	\$762.00	\$5.00	\$1,270.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$23,389.84		\$17,762.00		\$33,770.00
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$150.00	\$150.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$400.00	\$400.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$25.00	\$50.00	\$10.00	\$20.00	\$30.00	\$60.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	14	\$25.00	\$350.00	\$10.00	\$140.00	\$30.00	\$420.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$25.00	\$25.00	\$10.00	\$10.00	\$30.00	\$30.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	2	\$25.00	\$50.00	\$10.00	\$20.00	\$30.00	\$60.00
8	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	1	\$25.00	\$25.00	\$2.00	\$2.00	\$1,800.00	\$1,800.00
9	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$25.00	\$25.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
10	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6243	\$2.50	\$15,607.50	\$0.10	\$624.30	\$1.00	\$6,243.00
SWPPP ITEMS SUBTOTAL:					\$17,382.50		\$3,916.30		\$13,713.00
PAVING ITEMS									
1	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	8477	\$52.00	\$440,804.00	\$64.00	\$542,528.00	\$69.00	\$584,913.00
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	8897	\$5.00	\$44,485.00	\$6.90	\$61,389.30	\$4.25	\$37,812.25
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	177	\$340.00	\$60,180.00	\$330.00	\$58,410.00	\$360.00	\$63,720.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	235	\$160.00	\$37,600.00	\$125.00	\$29,375.00	\$155.00	\$36,425.00
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	3646	\$4.00	\$14,584.00	\$4.00	\$14,584.00	\$4.00	\$14,584.00

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**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	1) ICON GC LLC		2) PRINCIPAL SERVICES, LTD		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	ROADWAY 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	3217	\$8.00	\$25,736.00	\$7.50	\$24,127.50	\$4.40	\$14,154.80
7	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	7	\$630.00	\$4,410.00	\$750.00	\$5,250.00	\$550.00	\$3,850.00
8	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$13,000.00	\$13,000.00
9	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	2	\$1,350.00	\$2,700.00	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00
10	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00
11	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	41	\$4.00	\$164.00	\$25.00	\$1,025.00	\$29.00	\$1,189.00
12	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$10.00	\$20.00	\$50.00	\$100.00	\$1.00	\$2.00
13	CONNECT PROPOSED 7" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	82	\$6.00	\$492.00	\$25.00	\$2,050.00	\$45.00	\$3,690.00
14	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	51	\$21.50	\$1,096.50	\$25.00	\$1,275.00	\$45.00	\$2,295.00
15	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	51	\$39.00	\$1,989.00	\$40.00	\$2,040.00	\$75.00	\$3,825.00
<b>PAVING ITEMS SUBTOTAL:</b>					<b>\$648,270.50</b>		<b>\$761,153.80</b>		<b>\$786,160.05</b>
<b>MISCELLANEOUS PAVING ITEMS</b>									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$750.00	\$750.00	\$600.00	\$600.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.8	\$2,400.00	\$1,920.00	\$2,000.00	\$1,600.00	\$1,900.00	\$1,520.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$2,520.00</b>		<b>\$2,350.00</b>		<b>\$2,120.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$347,358.89		\$403,983.90		\$445,864.90
SUBTOTAL SANITARY ITEMS					\$436,166.11		\$507,072.10		\$431,444.10
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$411,555.49		\$341,308.90		\$350,151.90
SUBTOTAL MANVEL OUTFALL 1 ITEMS					\$238,356.87		\$197,379.70		\$198,664.70
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$23,389.84		\$17,782.00		\$33,770.00
SUBTOTAL SWPPP ITEMS					\$17,382.50		\$3,916.30		\$13,713.00
SUBTOTAL PAVING ITEMS					\$648,270.50		\$761,153.80		\$786,160.05
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$2,520.00		\$2,350.00		\$2,120.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,125,000.00</b>		<b>\$2,234,904.70</b>		<b>\$2,259,888.65</b>

**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 DOGWOOD AVENUE - SEGMENT A  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 JANUARY 19, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 19, 2024  
 2791-8004 (9.2)

4) PRECISE SERVICES INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>					
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	179	\$45.00	\$8,055.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	42	\$95.00	\$3,990.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$2,250.00	\$9,000.00
4	16" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1627	\$120.00	\$195,240.00
5	16" 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	309	\$185.00	\$57,165.00
6	16" BUTTERFLY VALVE & BOX, COMPLETE IN PLACE	EA	4	\$6,500.00	\$26,000.00
7	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
8	16" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
9	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	7	\$8,650.00	\$60,550.00
10	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	3	\$6,250.00	\$18,750.00
11	2" COMBINATION AIR RELEASE VALVE ASSEMBLY FOR 16" WATER LINE, INCLUDES VENT PIPING, BOLLARD AND SERVICE MANHOLE, COMPLETE IN PLACE	EA	2	\$9,500.00	\$19,000.00
12	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	78	\$100.00	\$7,800.00
13	TRENCHLESS CONSTRUCTION FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	14	\$335.00	\$4,690.00
14	P.V.C. CASING FOR 16" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	63	\$200.00	\$12,600.00
15	STEEL CASING FOR 16" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$185.00	\$9,990.00
16	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 16" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$125.00	\$6,750.00
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	916	\$5.00	\$4,580.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2089	\$0.10	\$208.90
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$445,668.90</b>



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
AND PAVING AND APPURTENANCES TO SERVE DOGWOOD AVENUE - SEGMENT A  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 19, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
JANUARY 19, 2024  
2791-8004 (9.2)

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

**4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SANITARY ITEMS</b>					
1	18" P.V.C. SEWER PIPE, ASTM F-879, PS 115, 18'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1702	\$150.00	\$255,300.00
2	18" P.V.C. SEWER PIPE, ASTM F-879, PS 115, 20'-24' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	283	\$160.00	\$42,080.00
3	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	\$8,750.00	\$87,500.00
4	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	107	\$275.00	\$29,425.00
5	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 18" SANITARY SEWER TO EXISTING 18" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$2,350.00	\$2,350.00
6	TRENCHLESS CONSTRUCTION FOR 18" SANITARYSEWER, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	54	\$125.00	\$6,750.00
7	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1965	\$20.00	\$39,300.00
8	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	1965	\$15.00	\$29,475.00
9	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	1896	\$5.00	\$9,480.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1911	\$0.10	\$191.10
<b>SANITARY ITEMS SUBTOTAL:</b>					<b>\$481,851.10</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	502	\$85.00	\$42,670.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	920	\$105.00	\$96,600.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	479	\$157.50	\$75,442.50
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	148	\$227.50	\$33,670.00
5	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	14	\$2,300.00	\$32,200.00
6	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$2,150.00	\$30,100.00
7	TYPE "E" INLET, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
8	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$6,000.00	\$48,000.00



**BID TABULATION FOR:**

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES TO SERVE DOGWOOD AVENUE - SEGMENT A  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 JANUARY 19, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 19, 2024  
 2791-8004 (9.2)

**4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,750.00	\$6,750.00
10	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$7,500.00	\$15,000.00
11	CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING TYPE 'E' INLET TOP AND REPLACE WITH A TYPE 'C' MANHOLE TOP AT FINISHED GRADE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00
12	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
13	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	3	\$1,100.00	\$3,300.00
14	PROPOSED SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1590	\$8.25	\$13,117.50
15	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
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTIONS OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00
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	2210	\$5.00	\$11,050.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2049	\$0.10	\$204.90

**DRAINAGE FACILITIES ITEMS SUBTOTAL:**

**\$421,304.90**

**MANVEL OUTFALL 1 ITEMS**

1	48-INCH RCP, ASTM C-78 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	667	\$265.00	\$176,755.00
2	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$7,500.00	\$37,500.00
3	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,250.00	\$9,250.00
4	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
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTIONS OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00
6	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	3783	\$5.00	\$18,915.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	667	\$0.10	\$66.70

**MANVEL OUTFALL 1 ITEMS SUBTOTAL:**

**\$245,986.70**

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES TO SERVE DOGWOOD AVENUE - SEGMENT A  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
 JANUARY 19, 2024  
 LJA ENGINEERING, INC.  
 D. FORREST  
 JANUARY 19, 2024  
 2791-8004 (9.2)

**4) PRECISE SERVICES INC.**

ITEM	DESCRIPTION	UNIT	QTY	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	\$20.00	\$2,000.00
2	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$18,760.00	\$18,760.00
3	FINE GRADING OF TEMPORARY DRAINAGE SWALES, V-BOTTOM, 3:1 SIDE SLOPES, COMPLETE IN PLACE	LF	254	\$15.00	\$3,810.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$24,570.00</b>
<b>SWPPP ITEMS</b>					
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	14	\$100.00	\$1,400.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
8	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00
9	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00
10	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6243	\$2.00	\$12,486.00
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$22,986.00</b>
<b>PAVING ITEMS</b>					
1	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	8477	\$55.00	\$466,235.00
2	8" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	8897	\$5.35	\$47,598.95
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	177	\$315.00	\$55,755.00
4	FLY ASH FOR 8" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	235	\$135.00	\$31,725.00
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	3646	\$4.50	\$16,407.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
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BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83  
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS  
JANUARY 19, 2024  
LJA ENGINEERING, INC.  
D. FORREST  
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2791-8004 (9.2)

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

**4) PRECISE SERVICES INC**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	ROADWAY 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	3217	\$6.25	\$20,106.25
7	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	7	\$600.00	\$4,200.00
8	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$14,000.00	\$14,000.00
9	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	2	\$2,100.00	\$4,200.00
10	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00
11	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	41	\$20.00	\$820.00
12	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
13	CONNECT PROPOSED 7" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	82	\$40.00	\$3,280.00
14	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	51	\$32.50	\$1,657.50
15	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	51	\$57.50	\$2,932.50

**PAVING ITEMS SUBTOTAL:**

**\$670,917.20**

**MISCELLANEOUS PAVING ITEMS**

1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.8	\$3,250.00	\$2,600.00

**MISCELLANEOUS PAVING ITEMS SUBTOTAL:**

**\$3,200.00**

**BIDDING SUMMARY**

SUBTOTAL WATER ITEMS	\$445,668.90
SUBTOTAL SANITARY ITEMS	\$481,851.10
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$421,304.90
SUBTOTAL MANVEL OUTFALL 1 ITEMS	\$245,986.70
SUBTOTAL MISCELLANEOUS WS&D ITEMS	\$24,570.00
SUBTOTAL SWPPP ITEMS	\$22,986.00
SUBTOTAL PAVING ITEMS	\$670,917.20
SUBTOTAL MISCELLANEOUS PAVING ITEMS	\$3,200.00
<b>TOTAL AMOUNT BASE BID</b>	<b>\$2,316,484.80</b>