CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC.



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

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

PLACE

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO

			1) CROSTEX CONST	TRUCTION INC	2) PRINCIPAL SE	RVICES LTD	3) RODRIGUEZ CONSTR	LICTION GROUP LLC
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS	OHIT	QII	OM1 0001	101/12 0001	01111 0001	101712 0001	01111 0001	1017/12 0001
1 8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	2129	\$38.00	\$80,902.00	\$40.00	\$85,160.00	\$46.54	\$99,083.66
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	S, LF	222	\$40.00	\$8,880.00	\$48.00	\$10,656.00	\$48.38	\$10,740.36
3 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$1,750.00	\$14,000.00	\$2,023.00	\$16,184.00	\$1,982.30	\$15,858.40
4 1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL II THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	N EA	9	\$585.00	\$5,265.00	\$807.00	\$7,263.00	\$860.00	\$7,740.00
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	53	\$1,260.00	\$66,780.00	\$1,494.00	\$79,182.00	\$1,290.00	\$68,370.00
6 8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$791.00	\$791.00	\$1,612.50	\$1,612.50
7 FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	E EA	8	\$7,200.00	\$57,600.00	\$8,154.00	\$65,232.00	\$8,159.25	\$65,274.00
8 END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$5,300.00	\$5,300.00	\$6,065.00	\$6,065.00	\$6,036.13	\$6,036.13
9 P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	215	\$94.00	\$20,210.00	\$82.00	\$17,630.00	\$104.28	\$22,420.20
10 UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	660	\$3.65	\$2,409.00	\$2.00	\$1,320.00	\$3.33	\$2,197.80
11 TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4235	\$1.05	\$4,446.75	\$0.10	\$423.50	\$0.11	\$465.85
WATER ITEMS SUBTOTAL:				\$266,292.75		\$289,906.50		\$299,798.90
SANITARY ITEMS								
1 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0"-8" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	442	\$32.75	\$14,475.50	\$36.00	\$15,912.00	\$42.97	\$18,992.74
2 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	D LF	1776	\$36.50	\$64,824.00	\$38.00	\$67,488.00	\$44.04	\$78,215.04
3 8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	576	\$40.00	\$23,040.00	\$42.00	\$24,192.00	\$45.15	\$26,006.40
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	443	\$41.00	\$18,163.00	\$40.00	\$17,720.00	\$54.07	\$23,953.01
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	27	\$1,340.00	\$36,180.00	\$1,655.00	\$44,685.00	\$1,531.88	\$41,360.76
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	EA	19	\$4,500.00	\$85,500.00	\$5,700.00	\$108,300.00	\$4,676.25	\$88,848.75

JUNE 20, 2024

2791-4116 (9.2)

FRN F-1386 LJA Engineering, Inc.

BID OPENING DATE: BID OPENING LOCATION: TABULATION BY: TABULATION DATE: LJA JOB NO. CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

	105 NO.		21	4) ODOOTEY CONO	TRUCTION INC	O) DDINOIDAL CEI	WICEC LTD	2) DODDIOUEZ CONOTO	ICTION CROUP III C
ITEN	M DESCRIPTION	UNIT	QTY	1) CROSTEX CONS	TOTAL COST	2) PRINCIPAL SEF UNIT COST	TOTAL COST	3) RODRIGUEZ CONSTR UNIT COST	TOTAL COST
	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	39	\$450.00	\$17,550.00	\$600.00	\$23,400.00	\$317.13	\$12,368.07
8	ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$200.00	\$600.00	\$860.00	\$2,580.00
g	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$186.00	\$186.00	\$645.00	\$645.00
10	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$750.00	\$1,500.00	\$966.00	\$1,932.00	\$806.25	\$1,612.50
11	DEWATERING PER LINEAR FOOT OF SANITARY SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	2352	\$20.00	\$47,040.00	\$20.00	\$47,040.00	\$20.00	\$47,040.00
12	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	2352	\$15.00	\$35,280.00	\$15.00	\$35,280.00	\$15.00	\$35,280.00
13	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	1297	\$3.65	\$4,734.05	\$2.00	\$2,594.00	\$3.10	\$4,020.70
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3542	\$1.10	\$3,896.20	\$0.10	\$354.20	\$0.11	\$389.62
SAN	ITARY ITEMS SUBTOTAL:				\$352,483.75		\$389,683.20		\$381,312.59
DRA	INAGE FACILITIES ITEMS	- T							
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1130	\$78.00	\$88,140.00	\$94.00	\$106,220.00	\$86.54	\$97,790.20
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	204	\$98.75	\$20,145.00	\$112.00	\$22,848.00	\$106.96	\$21,819.84
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	347	\$136.00	\$47,192.00	\$157.00	\$54,479.00	\$157.70	\$54,721.90
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	127	\$179.75	\$22,828.25	\$222.00	\$28,194.00	\$211.52	\$26,863.04
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	452	\$216.00	\$97,632.00	\$263.00	\$118,876.00	\$256.93	\$116,132.36
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	170	\$315.00	\$53,550.00	\$378.00	\$64,260.00	\$367.41	\$62,459.70
7	4'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	189	\$358.00	\$67,662.00	\$432.00	\$81,648.00	\$412.59	\$77,979.51
8	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$2,000.00	\$24,000.00	\$1,449.00	\$17,388.00	\$1,290.00	\$15,480.00
g	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$950.00	\$11,400.00	\$2,423.00	\$29,076.00	\$1,666.25	\$19,995.00
10	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$2,000.00	\$18,000.00	\$1,509.00	\$13,581.00	\$1,935.00	\$17,415.00
11	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,100.00	\$18,900.00	\$2,878.00	\$25,902.00	\$2,687.50	\$24,187.50

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

			1) CROSTEX CONS	TRUCTION INC	2) PRINCIPAL SEF	NICES LTD	3) RODRIGUEZ CONSTRI	ICTION GROUP II C
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12 TYPE "E" INLET, OPEN ON TWO SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,914.00	\$2,914.00	\$4,407.50	\$4,407.50
13 TYPE "E" INLET, OPEN ON ONE SIDE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,914.00	\$2,914.00	\$4,407.50	\$4,407.50
14 STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,600.00	\$32,400.00	\$3,043.00	\$27,387.00	\$4,192.50	\$37,732.50
15 STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$5,600.00	\$50,400.00	\$4,096.00	\$36,864.00	\$5,590.00	\$50,310.00
16 REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,500.00	\$6,500.00	\$7,514.00	\$7,514.00	\$8,236.07	\$8,236.07
17 ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$150.00	\$450.00	\$200.00	\$600.00	\$537.50	\$1,612.50
18 CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$340.00	\$680.00	\$645.00	\$1,290.00
19 EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	130	\$15.00	\$1,950.00	\$10.00	\$1,300.00	\$31.18	\$4,053.40
20 SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	310	\$30.00	\$9,300.00	\$9.00	\$2,790.00	\$23.65	\$7,331.50
21 PROPOSED SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1087	\$3.00	\$3,261.00	\$2.00	\$2,174.00	\$3.76	\$4,087.12
22 DEWATERING PER LINEAR FOOT OF STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR STORM SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$21.50	\$2,150.00
23 ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$16.13	\$1,613.00
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	3357	\$3.65	\$12,253.05	\$2.00	\$6,714.00	\$3.33	\$11,178.81
25 TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2619	\$1.05	\$2,749.95	\$0.10	\$261.90	\$0.11	\$288.09
DRAINAGE FACILITIES ITEMS SUBTOTAL:				\$599,713.25		\$658,084.90		\$673,542.04
MISCELLANEOUS WS&D ITEMS								
HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1.2	\$2,500.00	\$3,000.00	\$1,000.00	\$1,200.00	\$2,365.00	\$2,838.00
2 EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$21.50	\$2,150.00
3 CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$18,687.73	\$18,687.73	\$15,000.00	\$15,000.00	\$18,500.00	\$18,500.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:				\$24,187.73		\$18,200.00		\$23,488.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024

				1) CROSTEX CONS	STRUCTION INC.	2) PRINCIPAL S	ERVICES, LTD	3) RODRIGUEZ CONSTR	RUCTION GROUP, LLC
ITEM DESC	CRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
STORM WATER POLLUTION PREVENTION COMPLETE IN PLACE	ON PLAN COMPLIANCE AND INSPECTIONS,	LS	1	\$750.00	\$750.00	\$500.00	\$500.00	\$1,612.50	\$1,612.50
2 INSTALLATION, MAINTENANCE AND RE PIT, COMPLETE IN PLACE	MOVAL OF CONCRETE TRUCK WASHOUT	EA	1	\$1,500.00	\$1,500.00	\$100.00	\$100.00	\$1,397.50	\$1,397.50
3 INSTALLATION, MAINTENANCE AND RE ENTRANCE, COMPLETE IN PLACE	MOVAL OF STABILIZED CONSTRUCTION	EA	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,720.00	\$1,720.00
4 TYPE II INLET PROTECTION BARRIERS PLACE	FOR PROPOSED INLETS, COMPLETE IN	EA	2	\$25.00	\$50.00	\$10.00	\$20.00	\$107.50	\$215.00
5 TYPE III INLET PROTECTION BARRIERS PLACE	FOR PROPOSED INLETS, COMPLETE IN	EA	21	\$25.00	\$525.00	\$10.00	\$210.00	\$107.50	\$2,257.50
6 TYPE II INLET PROTECTION BARRIERS PLACE	FOR EXISTING INLETS, COMPLETE IN	EA	1	\$25.00	\$25.00	\$10.00	\$10.00	\$107.50	\$107.50
7 TYPE III INLET PROTECTION BARRIERS PLACE	FOR EXISTING INLETS, COMPLETE IN	EA	4	\$25.00	\$100.00	\$10.00	\$40.00	\$107.50	\$430.00
8 INSTALLATION, MAINTENANCE AND RE FENCE FOR V-BOTTOM DITCH, COMPLE		EA	3	\$250.00	\$750.00	\$2.00	\$6.00	\$215.00	\$645.00
9 INSTALL, MAINTAIN, AND REMOVE ROC PLACE	K FILTER DAM, TYPE 2, COMPLETE IN	EA	2	\$1.00	\$2.00	\$500.00	\$1,000.00	\$860.00	\$1,720.00
10 INSTALL AND MAINTAIN REINFORCED F PLACE	FILTER FABRIC FENCE, COMPLETE IN	LF	8687	\$0.01	\$86.87	\$0.10	\$868.70	\$1.67	\$14,507.29
SWPPP ITEMS SUBTOTAL:					\$4,288.87		\$3,754.70		\$24,612.29
PAVING ITEMS									
1 6" REINFORCED CONCRETE PAVEMENT	T, COMPLETE IN PLACE	SY	9933	\$56.20	\$558,234.60	\$52.70	\$523,469.10	\$49.67	\$493,372.11
2 6" LIME/FLY ASH STABILIZED SUBGRAD	E (MANIPULATION), COMPLETE IN PLACE	SY	10537	\$4.00	\$42,148.00	\$6.00	\$63,222.00	\$4.14	\$43,623.18
3 HYDRATED LIME FOR 6" STABILIZED SU LBS/SY), AS REQUIRED BY SOIL CONDI GEOTECHNICAL ENGINEER, COMPLETI	TIONS, AND APPROVED BY	TON	209	\$375.00	\$78,375.00	\$340.00	\$71,060.00	\$354.75	\$74,142.75
	E (6% FLY ASH BY WEIGHT, 30 LBS/SY), AS APPROVED BY GEOTECHNICAL ENGINEER,	TON	157	\$146.00	\$22,922.00	\$140.00	\$21,980.00	\$215.00	\$33,755.00
5 4" X 12" REINFORCED CONCRETE CURI	B, COMPLETE IN PLACE	LF	2541	\$4.20	\$10,672.20	\$2.27	\$5,768.07	\$4.30	\$10,926.30
6 6" REINFORCED CONCRETE CURB, COI	MPLETE IN PLACE	LF	2808	\$4.20	\$11,793.60	\$2.27	\$6,374.16	\$4.30	\$12,074.40
7 COMPLETE LOT GRADING (61 LOTS, 6 F AREAS, COMPLETE IN PLACE	RESERVES) AND FINAL DRESSING OF ALL	LS	1	\$8,320.00	\$8,320.00	\$15,000.00	\$15,000.00	\$16,125.00	\$16,125.00
8 ROADWAY AND LOT EXCAVATION TO E WITHIN THE PROJECT LIMITS, INCLUDE STRIPPINGS, HAUL, PLACEMENT AND O STANDARD PROCTOR DENSITY AND RE COMPLETE IN PLACE	S STRIPPING, STOCKPILING OF COMPACTION OF MATERIALS TO 95%	CY	7700	\$3.65	\$28,105.00	\$6.00	\$46,200.00	\$4.84	\$37,268.00

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				1) CROSTEX CONS	TRUCTION INC.	2) PRINCIPAL SEI	RVICES, LTD	3) RODRIGUEZ CONSTR	UCTION GROUP, LLC
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
STANDARD STREET SIGN DETAIL,	ST IN ACCORDANCE WITH THE CITY OF MANVEL, INCLUDES STOP SIGNS, STREET NAME SIGNS DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC.,	EA	12	\$940.00	\$11,280.00	\$660.00	\$7,920.00	\$698.75	\$8,385.00
10 PERMANENT TRAFFIC CONTROL I PAVEMENT STRIPING, ETC.), COM	DEVICES (INCLUDES TRAFFIC BUTTONS, IPLETE IN PLACE	LS	1	\$7,280.00	\$7,280.00	\$2,500.00	\$2,500.00	\$2,687.50	\$2,687.50
11 WHEELCHAIR RAMPS PER DETAIL PLACE	L IN THE CONSTRUCTION PLANS, COMPLETE IN	EA	16	\$1,460.00	\$23,360.00	\$1,500.00	\$24,000.00	\$1,956.50	\$31,304.00
12 INSTALL TYPE III BARRICADE, COI	MPLETE IN PLACE	EA	1	\$1,460.00	\$1,460.00	\$1,000.00	\$1,000.00	\$1,838.25	\$1,838.25
13 STANDARD CONCRETE PAVING H	HEADER, COMPLETE IN PLACE	LF	28	\$21.00	\$588.00	\$15.00	\$420.00	\$32.25	\$903.00
14 REMOVE AND DISPOSE OF EXIST	ING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$208.00	\$416.00	\$50.00	\$100.00	\$53.75	\$107.50
15 CONNECT PROPOSED 6" REINFOR REINFORCED CONCRETE PAVEM	RCED CONCRETE PAVEMENT TO EXISTING IENT, COMPLETE IN PLACE	LF	63	\$26.00	\$1,638.00	\$25.00	\$1,575.00	\$37.63	\$2,370.69
16 IRRIGATION SLEEVE, 4" PVC SCHI COMPLETE IN PLACE	EDULE 40, INCLUDES PVC END CAPS,	LF	155	\$31.25	\$4,843.75	\$18.00	\$2,790.00	\$19.35	\$2,999.25
17 IRRIGATION SLEEVE, 8" PVC SCHI COMPLETE IN PLACE	EDULE 40, INCLUDES PVC END CAPS,	LF	155	\$36.50	\$5,657.50	\$25.00	\$3,875.00	\$30.10	\$4,665.50
PAVING ITEMS SUBTOTAL:					\$817,093.65		\$797,253.33		\$776,547.43
MISCELLANEOUS PAVING ITEMS									
1 EXTRA SIGN, COMPLETE IN PLAC	E	EA	í	\$940.00	\$940.00	\$650.00	\$650.00	\$698.75	\$698.75
MISCELLANEOUS PAVING ITEMS SUBTO	OTAL:				\$940.00		\$650.00		\$698.75
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$266,292.75		\$289,906.50		\$299,798.90
SUBTOTAL SANITARY ITEMS					\$352,483.75		\$389,683.20		\$381,312.59
SUBTOTAL DRAINAGE FACILITIES ITEMS	s				\$599,713.25		\$658,084.90		\$673,542.04
SUBTOTAL MISCELLANEOUS WS&D ITE	MS				\$24,187.73		\$18,200.00		\$23,488.00
SUBTOTAL SWPPP ITEMS					\$4,288.87		\$3,754.70		\$24,612.29
SUBTOTAL PAVING ITEMS					\$817,093.65		\$797,253.33		\$776,547.43
SUBTOTAL MISCELLANEOUS PAVING IT	EMS				\$940.00		\$650.00		\$698.75
TOTAL AMOUNT BASE BID					\$2,065,000.00		\$2,157,532.63		\$2,180,000.00

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024

				4) R CONSTRUCTIO	ON CIVIL, LLC	5) NORTHTEX CONS	TRUCTION, LLC	6) ICON G	CLLC
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
	VATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL COMPLETE IN PLACE	LF	2129	\$43.00	\$91,547.00	\$36.59	\$77,900.11	\$50.00	\$106,450.00
	RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, CALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	222	\$63.00	\$13,986.00	\$61.72	\$13,701.84	\$55.00	\$12,210.00
3 8" AWWA	GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$2,200.00	\$17,600.00	\$2,582.42	\$20,659.36	\$2,400.00	\$19,200.00
THE CONS	ER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN STRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND XX, COMPLETE IN PLACE	EA	9	\$670.00	\$6,030.00	\$1,023.61	\$9,212.49	\$1,200.00	\$10,800.00
THE CONS	ER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN STRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND DX, COMPLETE IN PLACE	EA	53	\$1,450.00	\$76,850.00	\$1,630.40	\$86,411.20	\$1,500.00	\$79,500.00
	ONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$958.28	\$958.28	\$1,900.00	\$1,900.00
	VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE AD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$7,300.00	\$58,400.00	\$6,939.62	\$55,516.96	\$8,000.00	\$64,000.00
	NE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, IATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00	\$5,889.35	\$5,889.35	\$6,500.00	\$6,500.00
INCLUDES	SING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), E END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL COMPLETE IN PLACE	LF	215	\$100.00	\$21,500.00	\$108.67	\$23,364.05	\$140.00	\$30,100.00
STRIPPING	POILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF GS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD I DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	660	\$1.00	\$660.00	\$2.85	\$1,881.00	\$4.00	\$2,640.00
11 TRENCH S	SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4235	\$0.10	\$423.50	\$0.50	\$2,117.50	\$0.01	\$42.35
WATER ITEMS S	UBTOTAL:				\$292,996.50		\$297,612.14		\$333,342.35
SANITARY ITEM	s								
	EWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND COMPLETE IN PLACE	LF	442	\$31.00	\$13,702.00	\$51.24	\$22,648.08	\$52.00	\$22,984.00
	SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND COMPLETE IN PLACE	LF	1776	\$35.00	\$62,160.00	\$49.04	\$87,095.04	\$65.00	\$115,440.00
	SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING (FILL, COMPLETE IN PLACE	LF	576	\$36.00	\$20,736.00	\$53.67	\$30,913.92	\$73.00	\$42,048.00
SDR 26, AI	DE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, LL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, YE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN	LF	443	\$45.00	\$19,935.00	\$52.90	\$23,434.70	\$85.00	\$37,655.00
SDR 26, AI	IDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, LL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, YE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN	EA	27	\$1,400.00	\$37,800.00	\$1,903.15	\$51,385.05	\$1,615.00	\$43,605.00
SEWER PI	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY PES, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING, S STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN	EA	19	\$4,700.00	\$89,300.00	\$4,788.74	\$90,986.06	\$5,750.00	\$109,250.00

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

LUA	obb No.			01 4110 (0.2)					
				4) R CONSTRUCTI	ION CIVIL, LLC	5) NORTHTEX CON	STRUCTION, LLC	6) ICON G	CLLC
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	39	\$350.00	\$13,650.00	\$285.91	\$11,150.49	\$1.00	\$39.00
8	ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$724.13	\$2,172.39	\$100.00	\$300.00
9	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$605.40	\$605.40	\$100.00	\$100.00
10	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$1,602.18	\$3,204.36	\$1,500.00	\$3,000.00
11	DEWATERING PER LINEAR FOOT OF SANITARY SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	2352	\$20.00	\$47,040.00	\$20.00	\$47,040.00	\$30.00	\$70,560.00
12	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	2352	\$15.00	\$35,280.00	\$15.00	\$35,280.00	\$15.00	\$35,280.00
13	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	1297	\$1.00	\$1,297.00	\$1.91	\$2,477.27	\$4.00	\$5,188.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3542	\$0.10	\$354.20	\$0.64	\$2,266.88	\$0.01	\$35.42
SANI	TARY ITEMS SUBTOTAL:				\$342,904.20		\$410,659.64		\$485,484.42
DRA	INAGE FACILITIES ITEMS	~ \							
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1130	\$84.00	\$94,920.00	\$99.18	\$112,073.40	\$100.00	\$113,000.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	204	\$110.00	\$22,440.00	\$120.53	\$24,588.12	\$122.00	\$24,888.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	347	\$150.00	\$52,050.00	\$163.03	\$56,571.41	\$182.00	\$63,154.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	127	\$208.00	\$26,416.00	\$218.07	\$27,694.89	\$223.00	\$28,321.00
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	452	\$245.00	\$110,740.00	\$250.50	\$113,226.00	\$287.00	\$129,724.00
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	170	\$357.00	\$60,690.00	\$356.33	\$60,576.10	\$400.00	\$68,000.00
7	4'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	189	\$394.00	\$74,466.00	\$413.49	\$78,149.61	\$463.00	\$87,507.00
8	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,250.00	\$15,000.00	\$1,641.16	\$19,693.92	\$1,777.00	\$21,324.00
9	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$2,550.00	\$30,600.00	\$2,504.56	\$30,054.72	\$2,000.00	\$24,000.00
10	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$1,650.00	\$14,850.00	\$1,967.52	\$17,707.68	\$2,420.00	\$21,780.00
11	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,550.00	\$22,950.00	\$3,058.62	\$27,527.58	\$3,540.00	\$31,860.00

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

			2.0	A) D CONCEDUCTO	ON ON /// 11 O	5) NODTLITEY CON	OTPHOTION III O	6) 100N 0	0110
ITEN	DECODINTION	UNIT	QTY	4) R CONSTRUCTION		5) NORTHTEX CON		6) ICON G UNIT COST	TOTAL COST
ITEM 12	DESCRIPTION TYPE "E" INLET, OPEN ON TWO SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,450.00	TOTAL COST \$2,450.00	UNIT COST \$3,637.95	TOTAL COST \$3,637.95	\$2,820.00	\$2,820.00
13	TYPE "E" INLET, OPEN ON ONE SIDE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,450.00	\$2,450.00	\$3,637.95	\$3,637.95	\$2,840.00	\$2,840.00
14	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,000.00	\$27,000.00	\$3,427.50	\$30,847.50	\$3,345.00	\$30,105.00
15	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$5,000.00	\$45,000.00	\$4,244.37	\$38,199.33	\$5,480.00	\$49,320.00
16	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,400.00	\$8,400.00	\$6,460.64	\$6,460.64	\$5,750.00	\$5,750.00
17	ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$401.27	\$1,203.81	\$373.00	\$1,119.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$576.90	\$1,153.80	\$500.00	\$1,000.00
19	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	130	\$10.00	\$1,300.00	\$32.97	\$4,286.10	\$33.00	\$4,290.00
20	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	310	\$40.00	\$12,400.00	\$4.67	\$1,447.70	\$80.00	\$24,800.00
21	PROPOSED SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1087	\$3.00	\$3,261.00	\$4.82	\$5,239.34	\$12.00	\$13,044.00
22	DEWATERING PER LINEAR FOOT OF STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR STORM SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
24	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	3357	\$1.00	\$3,357.00	\$2.85	\$9,567.45	\$4.00	\$13,428.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2619	\$0.10	\$261.90	\$0.61	\$1,597.59	\$0.01	\$26.19
DRA	NAGE FACILITIES ITEMS SUBTOTAL:				\$636,001.90		\$678,642.59		\$765,600.19
MISC	ELLANEOUS WS&D ITEMS								
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1.2	\$1,500.00	\$1,800.00	\$2,742.34	\$3,290.81	\$2,450.00	\$2,940.00
2	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$45.00	\$4,500.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$33,000.00	\$33,000.00	\$23,922.54	\$23,922.54	\$14,455.04	\$14,455.04
MISC	ELLANEOUS WS&D ITEMS SUBTOTAL:				\$39,300.00		\$29,213.35		\$19,395.04

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024

		2,	4) R CONSTRUCT	ION CIVIL. LLC	5) NORTHTEX CONS	STRUCTION, LLC	6) ICON G	CILC
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS								
STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS COMPLETE IN PLACE	, LS	1	\$1,200.00	\$1,200.00	\$3,442.51	\$3,442.51	\$1,500.00	\$1,500.00
2 INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,346.37	\$1,346.37	\$1,500.00	\$1,500.00
3 INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$4,734.42	\$4,734.42	\$150.00	\$150.00
4 TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$25.00	\$50.00	\$87.53	\$175.06	\$150.00	\$300.00
5 TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	21	\$25.00	\$525.00	\$87.53	\$1,838.13	\$50.00	\$1,050.00
6 TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$25.00	\$25.00	\$87.53	\$87.53	\$150.00	\$150.00
7 TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$25.00	\$100.00	\$145.87	\$583.48	\$50.00	\$200.00
8 INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	3	\$700.00	\$2,100.00	\$87.53	\$262.59	\$230.00	\$690.00
9 INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	2	\$2,200.00	\$4,400.00	\$2,450.76	\$4,901.52	\$150.00	\$300.00
10 INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	8687	\$2.00	\$17,374.00	\$1.46	\$12,683.02	\$3.00	\$26,061.00
SWPPP ITEMS SUBTOTAL:				\$27,774.00		\$30,054.63		\$31,901.00
PAVING ITEMS								
1 6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9933	\$56.00	\$556,248.00	\$54.91	\$545,421.03	\$53.00	\$526,449.00
2 6" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	10537	\$6.00	\$63,222.00	\$3.85	\$40,567.45	\$5.00	\$52,685.00
3 HYDRATED LIME FOR 6" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	209	\$340.00	\$71,060.00	\$387.25	\$80,935.25	\$375.00	\$78,375.00
4 FLY ASH FOR 6" STABILIZED SUBGRADE (6% FLY ASH BY WEIGHT, 30 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER COMPLETE IN PLACE		157	\$145.00	\$22,765.00	\$151.70	\$23,816.90	\$157.00	\$24,649.00
5 4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2541	\$4.00	\$10,164.00	\$4.96	\$12,603.36	\$4.00	\$10,164.00
6 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2808	\$4.00	\$11,232.00	\$4.96	\$13,927.68	\$4.00	\$11,232.00
7 COMPLETE LOT GRADING (61 LOTS, 6 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$18,500.00	\$18,500.00	\$17,456.44	\$17,456.44	\$19,000.00	\$19,000.00
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	7700	\$5.00	\$38,500.00	\$6.18	\$47,586.00	\$7.00	\$53,900.00

2791-4116 (9.2)

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

			4) R CONSTRUCT	TION CIVIL, LLC	5) NORTHTEX CON	STRUCTION, LLC	6) ICON G	SC LLC
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9 TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANV STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGN. WITH "NO OUTLETS" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ET COMPLETE IN PLACE	S	12	\$630.00	\$7,560.00	\$671.00	\$8,052.00	\$795.00	\$9,540.00
10 PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$6,800.00	\$6,800.00	\$4,084.34	\$4,084.34	\$3,000.00	\$3,000.00
11 WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE I PLACE	N EA	16	\$2,000.00	\$32,000.00	\$1,631.93	\$26,110.88	\$1,500.00	\$24,000.00
12 INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,400.35	\$1,400.35	\$100.00	\$100.00
13 STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$25.00	\$700.00	\$50.58	\$1,416.24	\$6.00	\$168.00
14 REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$128.36	\$256.72	\$1.00	\$2.00
15 CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	63	\$45.00	\$2,835.00	\$31.42	\$1,979.46	\$11.00	\$693.00
16 IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	155	\$47.00	\$7,285.00	\$24.10	\$3,735.50	\$25.00	\$3,875.00
17 IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	155	\$66.00	\$10,230.00	\$38.81	\$6,015.55	\$32.00	\$4,960.00
PAVING ITEMS SUBTOTAL:				\$860,303.00		\$835,365.15		\$822,792.00
MISCELLANEOUS PAVING ITEMS								
1 EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$612.65	\$612.65	\$485.00	\$485.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:				\$600.00		\$612.65		\$485.00
BIDDING SUMMARY								
SUBTOTAL WATER ITEMS				\$292,996.50		\$297,612.14		\$333,342.35
SUBTOTAL SANITARY ITEMS				\$342,904.20		\$410,659.64		\$485,484.42
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$636,001.90		\$678,642.59		\$765,600.19
SUBTOTAL MISCELLANEOUS WS&D ITEMS				\$39,300.00		\$29,213.35		\$19,395.04
SUBTOTAL SWPPP ITEMS				\$27,774.00		\$30,054.63		\$31,901.00
SUBTOTAL PAVING ITEMS				\$860,303.00		\$835,365.15		\$822,792.00
SUBTOTAL MISCELLANEOUS PAVING ITEMS				\$600.00		\$612.65		\$485.00
TOTAL AMOUNT BASE BID				\$2,199,879.60		\$2,282,160.15		\$2,459,000.00

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

7) CLEARWATER UTILITIES, INC.

				7) CLEARWATER UT	FILITIES, INC.
ITEN	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WAT	ER ITEMS				
1	8° P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	2129	\$41.00	\$87,289.00
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	222	\$43.00	\$9,546.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	8	\$2,294.00	\$18,352.00
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	9	\$680.00	\$6,120.00
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	53	\$1,816.00	\$96,248.00
6	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,574.00	\$1,574.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$7,094.00	\$56,752.00
8	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$6,670.00	\$6,670.00
9	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	215	\$124.00	\$26,660.00
10	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	660	\$5.00	\$3,300.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4235	\$0.10	\$423.50
WAT	ER ITEMS SUBTOTAL:				\$312,934.50
SAN	TARY ITEMS				
	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	442	\$52.00	\$22,984.00
2	8"P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1776	\$55.00	\$97,680.00
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	576	\$56.00	\$32,256.00
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	443	\$62.00	\$27,466.00
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	27	\$1,653.00	\$44,631.00
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	19	\$4,848.00	\$92,112.00

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

7) CLEARWATER UTILITIES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	
7	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	39	\$132.00	\$5,148.00	
8	ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$46.00	\$138.00	G
9	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$574.00	\$574.00	Inc.
10	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,018.00	\$2,036.00	
11	DEWATERING PER LINEAR FOOT OF SANITARY SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	2352	\$20.00	\$47,040.00	Wa,
12	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	2352	\$15.00	\$35,280.00	
13	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	1297	\$5.00	\$6,485.00	
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3542	\$0.10	\$354.20	
SANI	TARY ITEMS SUBTOTAL:				\$414,184.20	
DRAI	NAGE FACILITIES ITEMS	- T				
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1130	\$95.00	\$107,350.00	
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	204	\$105.00	\$21,420.00	
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	347	\$144.00	\$49,968.00	
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	127	\$188.00	\$23,876.00	
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	452	\$222.00	\$100,344.00	
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	170	\$321.00	\$54,570.00	
7	4'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	189	\$387.00	\$73,143.00	
8	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,727.00	\$20,724.00	
9	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$1,407.00	\$16,884.00	
10	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	9	\$3,001.00	\$27,009.00	
11	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$2,182.00	\$19,638.00	

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

7) CLEARWATER UTILITIES, INC.

				/) CLEARWATER U	TILITIES, INC.
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12	TYPE "E" INLET, OPEN ON TWO SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,075.00	\$3,075.00
13	TYPE "E" INLET, OPEN ON ONE SIDE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,075.00	\$3,075.00
14	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$4,103.00	\$36,927.00
15	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$6,264.00	\$56,376.00
16	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,006.00	\$7,006.00
17	ADJUST EXISTING MANHOLE RIM TO 3" ABOVE FINISHED GRADE, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	EA	3	\$258.00	\$774.00
18	CONTRACTOR TO REMOVE EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$574.00	\$1,148.00
19	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	130	\$23.00	\$2,990.00
20	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	310	\$69.00	\$21,390.00
21	PROPOSED SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	1087	\$4.00	\$4,348.00
22	DEWATERING PER LINEAR FOOT OF STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, FOR STORM SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)(NO ADDITIONAL COMPENSATION FOR MULTIPLE ROWS), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00
23	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00
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	3357	\$5.00	\$16,785.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2619	\$0.10	\$261.90
DRAI	NAGE FACILITIES ITEMS SUBTOTAL:				\$673,081.90
MISC	ELLANEOUS WS&D ITEMS				
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE MAINTENANCE BERM DISTURBED BY CONSTRUCTION OF STORM SEWER OUTFALL, COMPLETE IN PLACE	AC	1.2	\$2,010.00	\$2,412.00
2	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$22,824.00	\$22,824.00
MISC	ELLANEOUS WS&D ITEMS SUBTOTAL:				\$27,236.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE VALENCIA SECTION 16 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS JUNE 20, 2024 LJA ENGINEERING, INC. AVIGAIL AMIGEO JUNE 20, 2024 2791-4116 (9.2)

7) CLEARWATER UTILITIES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	
SWPP	PITEMS					
	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$3,416.00	\$3,416.00	C
	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	Inc.
	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$2,297.00	\$2,297.00	
	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$57.00	\$114.00	-C(1)
	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	21	\$57.00	\$1,197.00	
	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	1	\$57.00	\$57.00	
	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$115.00	\$460.00	
	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE FOR V-BOTTOM DITCH, COMPLETE IN PLACE	EA	3	\$172.00	\$516.00	
	INSTALL, MAINTAIN, AND REMOVE ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	
	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	8687	\$1.75	\$15,202.25	
SWPPI	PITEMS SUBTOTAL:				\$30,761.25	
PAVIN	GITEMS					
1 (6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9933	\$65.00	\$645,645.00	
2 (6" LIME/FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	10537	\$5.00	\$52,685.00	
	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	209	\$375.00	\$78,375.00	
	FLY ASH FOR 6" STABILIZED SUBGRADE (6% FLY ASH BY WEIGHT, 30 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	157	\$175.00	\$27,475.00	
5 4	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2541	\$5.00	\$12,705.00	
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2808	\$5.00	\$14,040.00	
	COMPLETE LOT GRADING (61 LOTS, 6 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00	
:	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	7700	\$5.00	\$38,500.00	

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7) CLEARWATER UTILITIES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	
9 TR ST WI	RAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL ANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS ITH "NO OUTLETS" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., DMPLETE IN PLACE	EA	12	\$1,500.00	\$18,000.00	
	ERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, AVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	100
	HEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN ACE	EA	16	\$2,500.00	\$40,000.00	
12 IN	STALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	- 01
13 ST	ANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	28	\$25.00	\$700.00	400
14 RE	EMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	
	ONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING EINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	63	\$25.00	\$1,575.00	
	RIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, DMPLETE IN PLACE	LF	155	\$40.00	\$6,200.00	
	RIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, DMPLETE IN PLACE	LF	155	\$80.00	\$12,400.00	
PAVING	ITEMS SUBTOTAL:				\$1,000,302.00	
MISCELL	LANEOUS PAVING ITEMS					
1 EX	(TRA SIGN, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	
MISCELL	ANEOUS PAVING ITEMS SUBTOTAL:				\$1,500.00	
	SUMMARY					
	AL WATER ITEMS				\$312,934.50	
	AL SANITARY ITEMS				\$414,184.20	
	AL DRAINAGE FACILITIES ITEMS				\$673,081.90	
	AL MISCELLANEOUS WS&D ITEMS				\$27,236.00	
	AL SWPPP ITEMS				\$30,761.25	
	AL PAVING ITEMS				\$1,000,302.00	
	AL MISCELLANEOUS PAVING ITEMS				\$1,500.00	
TOTAL A	AMOUNT BASE BID				\$2,459,999.85	

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