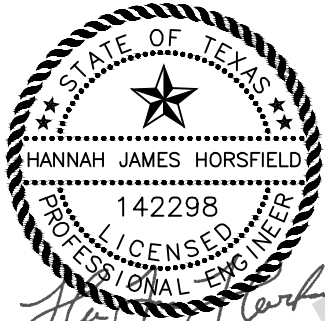


BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
TO SERVE VALENCIA SECTION 3
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
FEBRUARY 16, 2023
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 16, 2023
2791-4103 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	CALENDAR DAYS
1) DIMAS BROS. CONSTRUCTION	\$2,580,511.00	90/105
2) R CONSTRUCTION CIVIL, LLC	\$2,595,299.50	85/95
3) HURTADO CONSTRUCTION COMPANY	\$2,635,450.96	110/125
4) BAY UTILITIES, LLC	\$2,647,046.15	120/135
5) CROSTEX CONSTRUCTION INC.	\$2,650,000.00	115/130
6) HCG, LLC.	\$3,260,411.90	120/135



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

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 16, 2023
 2791-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1108	\$32.50	\$36,010.00	\$33.00	\$36,564.00	\$35.58	\$39,422.64
2	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	40	\$36.00	\$1,440.00	\$35.00	\$1,400.00	\$43.88	\$1,755.20
3	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	2362	\$38.50	\$90,937.00	\$36.00	\$85,032.00	\$40.00	\$94,480.00
4	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	629	\$42.75	\$26,889.75	\$55.00	\$34,595.00	\$44.88	\$28,229.52
5	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,084.00	\$1,084.00	\$1,330.00	\$1,330.00	\$1,308.00	\$1,308.00
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	10	\$1,584.00	\$15,840.00	\$1,875.00	\$18,750.00	\$1,848.00	\$18,480.00
7	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	37	\$515.00	\$19,055.00	\$490.00	\$18,130.00	\$598.00	\$22,126.00
8	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	39	\$1,250.00	\$48,750.00	\$940.00	\$36,660.00	\$1,338.00	\$52,182.00
9	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$484.00	\$968.00	\$428.00	\$856.00	\$300.00	\$600.00
10	FLUSHING VALVE UNIT, ALL DEPTHS, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	13	\$6,084.00	\$79,092.00	\$6,880.00	\$89,440.00	\$6,888.00	\$89,544.00
11	P.V.C. CASING FOR 6" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	103	\$54.75	\$5,639.25	\$57.00	\$5,871.00	\$60.88	\$6,270.64
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	221	\$82.80	\$18,298.80	\$82.00	\$18,122.00	\$88.00	\$19,448.00
13	STEEL CASING FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	58	\$45.00	\$2,610.00	\$91.00	\$5,278.00	\$108.00	\$6,264.00
14	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 8" WATER LINE, INCLUDES EXCAVATION AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	77	\$45.00	\$3,465.00	\$89.00	\$6,853.00	\$148.00	\$11,396.00
15	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	2	\$4,720.00	\$9,440.00	\$5,235.00	\$10,470.00	\$4,888.00	\$9,776.00
16	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	1122	\$3.00	\$3,366.00	\$1.00	\$1,122.00	\$0.08	\$89.76
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	6905	\$1.00	\$6,905.00	\$0.05	\$345.25	\$0.08	\$552.40
WATER ITEMS SUBTOTAL:					\$369,789.80		\$370,818.25		\$401,924.16

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
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 2791-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	305	\$38.20	\$11,651.00	\$27.00	\$8,235.00	\$46.80	\$14,274.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1074	\$40.25	\$43,228.50	\$28.00	\$30,072.00	\$47.38	\$50,886.12
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1571	\$40.55	\$63,704.05	\$30.00	\$47,130.00	\$50.80	\$79,806.80
4	"LONG SIDE" DOUBLE OR SINGLE 8" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	703	\$66.30	\$46,608.90	\$44.00	\$30,932.00	\$45.88	\$32,253.64
5	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	969	\$43.95	\$42,587.55	\$37.00	\$35,853.00	\$63.58	\$61,609.02
6	"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	23	\$1,035.00	\$23,805.00	\$1,000.00	\$23,000.00	\$1,508.00	\$34,684.00
7	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	18	\$4,750.00	\$85,500.00	\$4,025.00	\$72,450.00	\$4,188.00	\$75,384.00
8	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	56	\$310.00	\$17,360.00	\$310.00	\$17,360.00	\$280.00	\$15,680.00
9	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$233.00	\$233.00	\$8.00	\$8.00
10	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$710.00	\$1,420.00	\$540.00	\$1,080.00	\$888.00	\$1,776.00
11	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1571	\$15.00	\$23,565.00	\$15.00	\$23,565.00	\$15.00	\$23,565.00
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	1571	\$20.00	\$31,420.00	\$20.00	\$31,420.00	\$20.00	\$31,420.00
13	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2950	\$3.50	\$10,325.00	\$1.50	\$4,425.00	\$0.08	\$236.00
14	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1649	\$3.00	\$4,947.00	\$1.00	\$1,649.00	\$0.08	\$131.92
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5082	\$1.00	\$5,082.00	\$0.05	\$254.10	\$0.08	\$406.56
SANITARY ITEMS SUBTOTAL:					\$411,388.00		\$327,658.10		\$422,121.06
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1334	\$65.35	\$87,176.90	\$72.00	\$96,048.00	\$71.48	\$95,354.32

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 16, 2023
 2791-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$89.60	\$12,275.20	\$94.00	\$12,878.00	\$103.88	\$14,231.56
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	560	\$115.70	\$64,792.00	\$133.00	\$74,480.00	\$137.88	\$77,212.80
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	714	\$143.70	\$102,601.80	\$180.00	\$128,520.00	\$165.80	\$118,381.20
5	5'X4' PRECAST REINFORCED CONCRETE BOX, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	576	\$467.65	\$269,366.40	\$445.00	\$256,320.00	\$438.00	\$252,288.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$911.00	\$10,021.00	\$1,120.00	\$12,320.00	\$908.00	\$9,988.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,301.00	\$14,311.00	\$2,100.00	\$23,100.00	\$1,238.00	\$13,618.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	14	\$1,135.00	\$15,890.00	\$1,955.00	\$27,370.00	\$1,018.00	\$14,252.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$2,025.00	\$28,350.00	\$2,100.00	\$29,400.00	\$2,278.00	\$31,892.00
10	STAGE I - REINFORCED CONCRETE 15' ("H-2") INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$1,715.00	\$3,430.00	\$1,956.00	\$3,912.00	\$1,188.00	\$2,376.00
11	STAGE II - REINFORCED CONCRETE 15' ("H-2") INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,444.00	\$4,888.00	\$2,100.00	\$4,200.00	\$2,548.00	\$5,096.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,318.00	\$25,498.00	\$2,620.00	\$28,820.00	\$2,088.00	\$22,968.00
13	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,784.00	\$5,568.00	\$3,985.00	\$7,970.00	\$2,288.00	\$4,576.00
14	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$9,184.00	\$27,552.00	\$7,340.00	\$22,020.00	\$18,288.00	\$54,864.00
15	REINFORCED CONCRETE BEND WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$1,350.00	\$1,350.00	\$2,960.00	\$2,960.00	\$5,488.00	\$5,488.00
16	REMOVE EXISTING REINFORCED CONCRETE TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$884.00	\$884.00	\$2,860.00	\$2,860.00	\$2,800.00	\$2,800.00
17	REMOVE EXISTING TYPE "C" MANHOLE TOP AND REPLACE WITH GRATE INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$884.00	\$884.00	\$1,375.00	\$1,375.00	\$2,800.00	\$2,800.00
18	REMOVE EXISTING PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$184.00	\$368.00	\$525.00	\$1,050.00	\$8.00	\$16.00
19	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	21	\$18.00	\$378.00	\$15.00	\$315.00	\$8.00	\$168.00
20	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	98	\$38.00	\$3,724.00	\$28.00	\$2,744.00	\$38.00	\$3,724.00
21	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
23	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3321	\$3.50	\$11,623.50	\$3.00	\$9,963.00	\$0.80	\$2,656.80
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	3925	\$3.00	\$11,775.00	\$1.00	\$3,925.00	\$0.08	\$314.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3321	\$1.00	\$3,321.00	\$0.05	\$166.05	\$0.08	\$265.68
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$710,027.80		\$756,216.05		\$738,830.36
MISCELLANEOUS WS&D ITEMS									
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE AND BAYOU MAINTENANCE BERM DISTURBED BY CONSTRUCTION, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,350.00	\$1,350.00	\$20.00	\$20.00
2	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$20,659.00	\$20,659.00	\$26,000.00	\$26,000.00	\$26,058.18	\$26,058.18
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$24,659.00		\$29,350.00		\$28,078.18
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$477.90	\$477.90	\$1,000.00	\$1,000.00	\$800.00	\$800.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$500.00	\$500.00	\$800.00	\$800.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$8.00	\$8.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$10.00	\$10.00	\$8.00	\$8.00
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	29	\$25.00	\$725.00	\$10.00	\$290.00	\$8.00	\$232.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$10.00	\$30.00	\$1.00	\$3.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$10.00	\$40.00	\$1.00	\$4.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	11723	\$0.50	\$5,861.50	\$0.50	\$5,861.50	\$0.08	\$937.84
SWPPP ITEMS SUBTOTAL:					\$8,564.40		\$8,731.50		\$2,792.84
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	14172	\$47.50	\$673,170.00	\$49.00	\$694,428.00	\$48.48	\$687,058.56
2	8" LIME FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	15000	\$3.25	\$48,750.00	\$4.00	\$60,000.00	\$2.08	\$31,200.00

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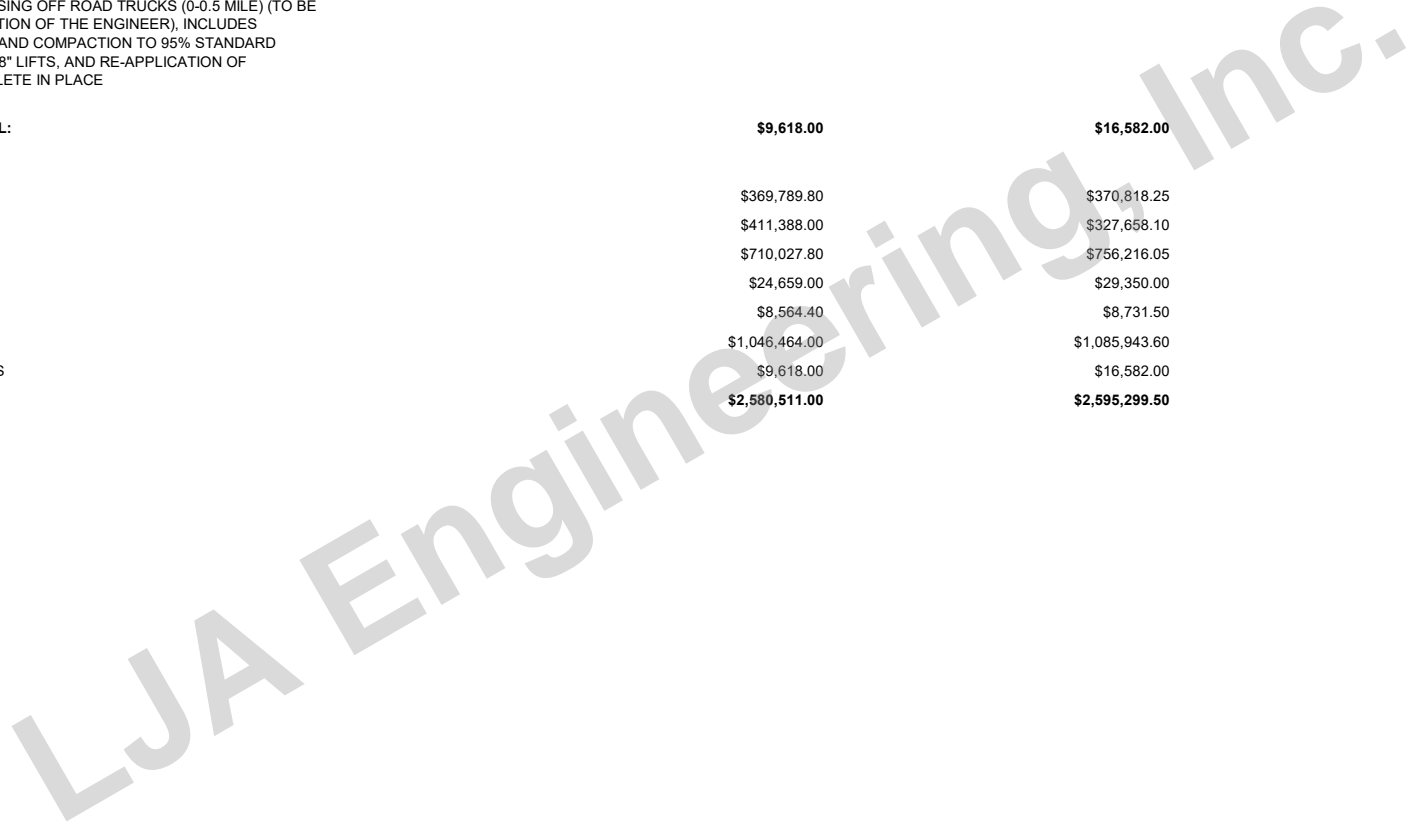
ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	223	\$284.00	\$63,332.00	\$260.00	\$57,980.00	\$278.00	\$61,994.00
4	FLY ASH FOR 6" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	297	\$140.00	\$41,580.00	\$120.00	\$35,640.00	\$138.00	\$40,986.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	5422	\$3.50	\$18,977.00	\$3.50	\$18,977.00	\$3.08	\$16,699.76
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1948	\$3.50	\$6,818.00	\$3.50	\$6,818.00	\$3.08	\$5,999.84
7	COMPLETE LOT GRADING (75 LOTS, 10 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$9,500.00	\$9,500.00	\$15,250.00	\$15,250.00	\$11,938.00	\$11,938.00
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	24127	\$3.00	\$72,381.00	\$2.80	\$67,555.60	\$2.88	\$69,485.76
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$600.00	\$4,200.00	\$600.00	\$4,200.00	\$658.00	\$4,606.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 3 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$2,800.00	\$2,800.00	\$2,988.00	\$2,988.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$1,300.00	\$20,800.00	\$1,450.00	\$23,200.00	\$1,188.00	\$19,008.00
12	TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00	\$1,160.00	\$2,320.00	\$1,500.00	\$3,000.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	56	\$25.00	\$1,400.00	\$20.00	\$1,120.00	\$18.00	\$1,008.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1.00	\$4.00	\$1.00	\$4.00	\$0.03	\$0.12
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	112	\$25.00	\$2,800.00	\$36.00	\$4,032.00	\$18.00	\$2,016.00
16	36-INCH RCP CULVERT, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	242	\$113.00	\$27,346.00	\$130.00	\$31,460.00	\$138.00	\$33,396.00
17	SAFETY END TREATMENT FOR 36" RCP (6:1 SLOPE) PER TXDOT DETAIL, COMPLETE IN PLACE	EA	4	\$3,100.00	\$12,400.00	\$4,500.00	\$18,000.00	\$3,888.00	\$15,552.00
18	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	303	\$86.00	\$26,058.00	\$85.00	\$25,755.00	\$80.00	\$24,240.00
19	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	153	\$20.00	\$3,060.00	\$30.00	\$4,590.00	\$18.00	\$2,754.00
20	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	93	\$36.00	\$3,348.00	\$58.00	\$5,394.00	\$38.00	\$3,534.00
21	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	60	\$69.00	\$4,140.00	\$107.00	\$6,420.00	\$58.00	\$3,480.00
PAVING ITEMS SUBTOTAL:					\$1,046,464.00		\$1,085,943.60		\$1,040,944.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 16, 2023
 2791-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$550.00	\$550.00	\$600.00	\$600.00
2	HAUL EXCESS MATERIAL FROM ROADWAY AND LOT EXCAVATION TO DESIGNATED FILL AREA OFF-SITE, USING OFF ROAD TRUCKS (0-0.5 MILE) (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FILL AREAS, COMPLETE IN PLACE	CY	2004	\$4.50	\$9,018.00	\$8.00	\$16,032.00	\$0.08	\$160.32
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$9,618.00		\$16,582.00		\$760.32
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$369,789.80		\$370,818.25		\$401,924.16
SUBTOTAL SANITARY ITEMS					\$411,388.00		\$327,658.10		\$422,121.06
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$710,027.80		\$756,216.05		\$738,830.36
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$24,659.00		\$29,350.00		\$28,078.18
SUBTOTAL SWPPP ITEMS					\$8,564.40		\$8,731.50		\$2,792.84
SUBTOTAL PAVING ITEMS					\$1,046,464.00		\$1,085,943.60		\$1,040,944.04
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$9,618.00		\$16,582.00		\$760.32
TOTAL AMOUNT BASE BID					\$2,580,511.00		\$2,595,299.50		\$2,635,450.96



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 AND PAVING AND APPURTENANCES
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 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
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BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER ITEMS										
1	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1108	\$28.00	\$31,024.00	\$29.95	\$33,184.60	\$42.60	\$47,200.80	
2	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	40	\$30.00	\$1,200.00	\$28.75	\$1,150.00	\$41.85	\$1,674.00	
3	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	2362	\$32.00	\$75,584.00	\$32.60	\$77,001.20	\$45.65	\$107,825.30	
4	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	629	\$49.00	\$30,821.00	\$51.25	\$32,236.25	\$64.10	\$40,318.90	
5	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$1,175.00	\$1,175.00	\$1,425.00	\$1,425.00	
6	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	10	\$1,600.00	\$16,000.00	\$1,740.00	\$17,400.00	\$2,070.00	\$20,700.00	
7	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	37	\$460.00	\$17,020.00	\$475.00	\$17,575.00	\$1,130.00	\$41,810.00	
8	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	39	\$1,100.00	\$42,900.00	\$1,120.00	\$43,680.00	\$2,100.00	\$81,900.00	
9	8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING FLUSHING VALVE AND REDUCER AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$450.00	\$900.00	\$1,180.00	\$2,360.00	
10	FLUSHING VALVE UNIT, ALL DEPTHS, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	13	\$6,500.00	\$84,500.00	\$7,100.00	\$92,300.00	\$8,600.00	\$111,800.00	
11	P.V.C. CASING FOR 6" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	103	\$73.00	\$7,519.00	\$76.00	\$7,828.00	\$90.00	\$9,270.00	
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	221	\$108.00	\$23,868.00	\$103.00	\$22,763.00	\$118.50	\$26,188.50	
13	STEEL CASING FOR 8" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	58	\$54.00	\$3,132.00	\$76.00	\$4,408.00	\$111.00	\$6,438.00	
14	TRENCHLESS CONSTRUCTION FOR STEEL CASING FOR 8" WATER LINE, INCLUDES EXCAVATION AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	77	\$50.00	\$3,850.00	\$80.00	\$6,160.00	\$173.00	\$13,321.00	
15	END OF LINE FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES REDUCER, LEAD, APPROPRIATE TEE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	2	\$4,800.00	\$9,600.00	\$5,400.00	\$10,800.00	\$7,290.00	\$14,580.00	
16	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	1122	\$3.00	\$3,366.00	\$1.00	\$1,122.00	\$3.00	\$3,366.00	
17	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	6905	\$0.10	\$690.50	\$1.05	\$7,250.25	\$0.55	\$3,797.75	
WATER ITEMS SUBTOTAL:					\$352,974.50		\$376,933.30		\$533,975.25	

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 16, 2023
 2791-4103 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	305	\$46.00	\$14,030.00	\$29.15	\$8,890.75	\$41.80	\$12,749.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1074	\$47.00	\$50,478.00	\$32.00	\$34,368.00	\$49.85	\$53,538.90
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1571	\$48.00	\$75,408.00	\$34.90	\$54,827.90	\$62.70	\$98,501.70
4	"LONG SIDE" DOUBLE OR SINGLE 8" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	703	\$40.00	\$28,120.00	\$41.50	\$29,174.50	\$72.25	\$50,791.75
5	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	969	\$33.00	\$31,977.00	\$36.75	\$35,610.75	\$66.40	\$64,341.60
6	"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	23	\$800.00	\$18,400.00	\$1,085.00	\$24,955.00	\$2,500.00	\$57,500.00
7	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	18	\$4,300.00	\$77,400.00	\$4,150.00	\$74,700.00	\$4,765.00	\$85,770.00
8	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	56	\$300.00	\$16,800.00	\$375.00	\$21,000.00	\$175.00	\$9,800.00
9	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$100.00	\$100.00	\$910.00	\$910.00
10	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$700.00	\$1,400.00
11	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1571	\$15.00	\$23,565.00	\$15.00	\$23,565.00	\$27.00	\$42,417.00
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	1571	\$20.00	\$31,420.00	\$20.00	\$31,420.00	\$20.00	\$31,420.00
13	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2950	\$2.25	\$6,637.50	\$2.50	\$7,375.00	\$1.35	\$3,982.50
14	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1649	\$3.00	\$4,947.00	\$1.00	\$1,649.00	\$3.00	\$4,947.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5082	\$0.10	\$508.20	\$1.05	\$5,336.10	\$0.55	\$2,795.10
SANITARY ITEMS SUBTOTAL:					\$380,890.70		\$354,472.00		\$520,864.55
DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1334	\$67.00	\$89,378.00	\$70.85	\$94,513.90	\$81.00	\$108,054.00

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 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
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ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$85.00	\$11,645.00	\$91.10	\$12,480.70	\$124.00	\$16,988.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	560	\$123.00	\$68,880.00	\$128.15	\$71,764.00	\$158.00	\$88,480.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	714	\$179.00	\$127,806.00	\$171.85	\$122,700.90	\$215.00	\$153,510.00
5	5'X4' PRECAST REINFORCED CONCRETE BOX, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	576	\$460.00	\$264,960.00	\$445.00	\$256,320.00	\$500.00	\$288,000.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	11	\$2,000.00	\$22,000.00	\$2,000.00	\$22,000.00	\$1,420.00	\$15,620.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$1,000.00	\$11,000.00	\$800.00	\$8,800.00	\$2,085.00	\$22,935.00
8	STAGE I - STANDARD 10' 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	\$2,000.00	\$28,000.00	\$4,500.00	\$63,000.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$1,500.00	\$21,000.00	\$1,900.00	\$26,600.00	\$3,165.00	\$44,310.00
10	STAGE I - REINFORCED CONCRETE 15' ("H-2") INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$2,000.00	\$4,000.00	\$6,970.00	\$13,940.00
11	STAGE II - REINFORCED CONCRETE 15' ("H-2") INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,900.00	\$5,800.00	\$3,725.00	\$7,450.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,700.00	\$29,700.00	\$3,350.00	\$36,850.00	\$3,630.00	\$39,930.00
13	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,600.00	\$7,200.00	\$6,100.00	\$12,200.00	\$15,615.00	\$31,230.00
14	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$13,000.00	\$39,000.00	\$9,250.00	\$27,750.00	\$6,970.00	\$20,910.00
15	REINFORCED CONCRETE BEND WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$3,800.00	\$3,800.00	\$2,500.00	\$2,500.00	\$6,970.00	\$6,970.00
16	REMOVE EXISTING REINFORCED CONCRETE TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,700.00	\$2,700.00	\$1,000.00	\$1,000.00	\$1,275.00	\$1,275.00
17	REMOVE EXISTING TYPE "C" MANHOLE TOP AND REPLACE WITH GRATE INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,700.00	\$2,700.00	\$1,000.00	\$1,000.00	\$1,275.00	\$1,275.00
18	REMOVE EXISTING PLUG AND CONNECT PROPOSED STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00	\$500.00	\$1,000.00	\$1,275.00	\$2,550.00
19	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, TOPSOIL AND SOD, COMPLETE IN PLACE	LF	21	\$70.00	\$1,470.00	\$25.00	\$525.00	\$180.00	\$3,780.00
20	SLOPE STABILIZATION MATERIAL (PYRAMAT 25 OR APPROVED EQUIVALENT), INCLUDES TOPSOIL, SOD AND ANCHORS (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	98	\$11.00	\$1,078.00	\$30.00	\$2,940.00	\$27.00	\$2,646.00
21	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$25.00	\$2,500.00	\$32.50	\$3,250.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 16, 2023
 2791-4103 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
22	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
23	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3321	\$3.75	\$12,453.75	\$4.00	\$13,284.00	\$1.35	\$4,483.35
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	3925	\$3.00	\$11,775.00	\$1.00	\$3,925.00	\$3.00	\$11,775.00
25	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3321	\$0.10	\$332.10	\$1.05	\$3,487.05	\$0.55	\$1,826.55
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$797,977.85		\$763,940.55		\$956,187.90
MISCELLANEOUS WS&D ITEMS									
1	HYDROMULCH SEEDING AND FINE GRADING OF LAKE AND BAYOU MAINTENANCE BERM DISTURBED BY CONSTRUCTION, COMPLETE IN PLACE	AC	1	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00	\$3,785.00	\$3,785.00
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	\$23.00	\$2,300.00	\$26.00	\$2,600.00
3	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$22,987.99	\$22,987.99	\$32,500.00	\$32,500.00
MISCELLANEOUS WS&D ITEMS SUBTOTAL:					\$14,200.00		\$27,787.99		\$38,885.00
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$225.00	\$225.00	\$1,000.00	\$1,000.00	\$2,165.00	\$2,165.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,165.00	\$2,165.00
4	TYPE II INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	1	\$40.00	\$40.00	\$100.00	\$100.00	\$81.15	\$81.15
5	TYPE III INLET PROTECTION BARRIERS FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	29	\$30.00	\$870.00	\$30.00	\$870.00	\$108.00	\$3,132.00
6	TYPE II INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	3	\$40.00	\$120.00	\$100.00	\$300.00	\$162.00	\$486.00
7	TYPE III INLET PROTECTION BARRIERS FOR EXISTING INLETS, COMPLETE IN PLACE	EA	4	\$30.00	\$120.00	\$30.00	\$120.00	\$135.00	\$540.00
8	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	11723	\$2.00	\$23,446.00	\$1.50	\$17,584.50	\$3.80	\$44,547.40
SWPPP ITEMS SUBTOTAL:					\$29,321.00		\$22,974.50		\$55,816.55
PAVING ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	14172	\$46.75	\$662,541.00	\$48.45	\$686,633.40	\$49.45	\$700,805.40
2	8" LIME FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	15000	\$2.75	\$41,250.00	\$3.35	\$50,250.00	\$4.40	\$66,000.00

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 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 16, 2023
 LJA ENGINEERING, INC.
 D. FORREST
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 2791-4103 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 40 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	223	\$280.00	\$62,440.00	\$277.00	\$61,771.00	\$287.00	\$64,001.00
4	FLY ASH FOR 6" STABILIZED SUBGRADE (8% FLY ASH BY WEIGHT, 53 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	297	\$120.00	\$35,640.00	\$139.00	\$41,283.00	\$119.00	\$35,343.00
5	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	5422	\$3.75	\$20,332.50	\$3.85	\$20,874.70	\$3.95	\$21,416.90
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1948	\$3.75	\$7,305.00	\$3.85	\$7,499.80	\$3.95	\$7,694.80
7	COMPLETE LOT GRADING (75 LOTS, 10 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$13,600.00	\$13,600.00	\$10,250.00	\$10,250.00	\$26,450.00	\$26,450.00
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	24127	\$4.30	\$103,746.10	\$3.08	\$74,311.16	\$3.70	\$89,269.90
9	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MANVEL STANDARD STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	7	\$714.00	\$4,998.00	\$667.00	\$4,669.00	\$1,265.00	\$8,855.00
10	PERMANENT TRAFFIC CONTROL DEVICES FOR VALENCIA SECTION 3 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$1,900.00	\$1,900.00	\$2,565.00	\$2,565.00	\$4,825.00	\$4,825.00
11	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	16	\$1,600.00	\$25,600.00	\$1,335.00	\$21,360.00	\$2,165.00	\$34,640.00
12	TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,275.00	\$2,550.00	\$1,435.00	\$2,870.00	\$1,135.00	\$2,270.00
13	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	56	\$15.00	\$840.00	\$16.00	\$896.00	\$31.00	\$1,736.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$10.00	\$40.00	\$180.00	\$720.00
15	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	112	\$10.00	\$1,120.00	\$18.50	\$2,072.00	\$25.60	\$2,867.20
16	36-INCH RCP CULVERT, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	242	\$127.00	\$30,734.00	\$135.00	\$32,670.00	\$156.00	\$37,752.00
17	SAFETY END TREATMENT FOR 36" RCP (6:1 SLOPE) PER TXDOT DETAIL, COMPLETE IN PLACE	EA	4	\$2,700.00	\$10,800.00	\$5,500.00	\$22,000.00	\$2,795.00	\$11,180.00
18	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	303	\$85.50	\$25,906.50	\$120.00	\$36,360.00	\$55.15	\$16,710.45
19	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	153	\$23.00	\$3,519.00	\$26.00	\$3,978.00	\$24.75	\$3,786.75
20	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	93	\$37.00	\$3,441.00	\$47.00	\$4,371.00	\$52.65	\$4,896.45
21	IRRIGATION SLEEVE, 12" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	60	\$45.00	\$2,700.00	\$103.00	\$6,180.00	\$106.60	\$6,396.00
PAVING ITEMS SUBTOTAL:					\$1,061,363.10		\$1,092,904.06		\$1,147,615.65

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ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CROSTEX CONSTRUCTION INC.		6) HCG, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MISCELLANEOUS PAVING ITEMS									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$667.00	\$667.00	\$1,055.00	\$1,055.00
2	HAUL EXCESS MATERIAL FROM ROADWAY AND LOT EXCAVATION TO DESIGNATED FILL AREA OFF-SITE, USING OFF ROAD TRUCKS (0-0.5 MILE) (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS TO FILL AREAS, COMPLETE IN PLACE	CY	2004	\$4.75	\$9,519.00	\$5.15	\$10,320.60	\$3.00	\$6,012.00
MISCELLANEOUS PAVING ITEMS SUBTOTAL:					\$10,319.00		\$10,987.60		\$7,067.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$352,974.50		\$376,933.30		\$533,975.25
SUBTOTAL SANITARY ITEMS					\$380,890.70		\$354,472.00		\$520,864.55
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$797,977.85		\$763,940.55		\$956,187.90
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$14,200.00		\$27,787.99		\$38,885.00
SUBTOTAL SWPPP ITEMS					\$29,321.00		\$22,974.50		\$55,816.55
SUBTOTAL PAVING ITEMS					\$1,061,363.10		\$1,092,904.06		\$1,147,615.65
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$10,319.00		\$10,987.60		\$7,067.00
TOTAL AMOUNT BASE BID					\$2,647,046.15		\$2,650,000.00		\$3,260,411.90

