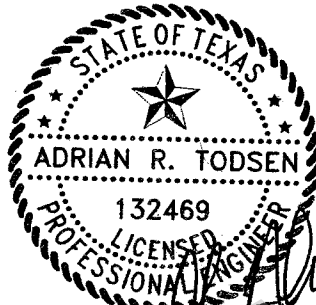


BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
AND PAVING AND APPURTENANCES TO SERVE POMONA SECTIONS 18 AND 23  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
NOVEMBER 19, 2020  
LJA ENGINEERING, INC.  
C. DURHAM  
NOVEMBER 20, 2020  
2149-4118 & 2149-4123 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	PROPOSED CALENDAR DAYS SUBSTANTIAL / FINAL
1) CLEARWATER UTILITIES, INC.	\$2,953,928.63	117/137
2) PRINCIPAL SERVICES, LTD	\$3,158,999.00	120/15
3) CROSTEX CONSTRUCTION INC.	\$3,170,000.00	130/150



I, Adrian R. Todsens, P.E., hereby certify these bid tabulations to be true and correct.

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS - SECTION 18</b>									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	682	\$19.50	\$13,299.00	\$21.00	\$14,322.00	\$17.75	\$12,105.50
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	407	\$26.00	\$10,582.00	\$30.00	\$12,210.00	\$25.50	\$10,378.50
3	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	212	\$68.00	\$14,416.00	\$78.00	\$16,536.00	\$102.00	\$21,624.00
4	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,226.00	\$2,452.00	\$800.00	\$1,600.00	\$996.00	\$1,992.00
5	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	11	\$398.00	\$4,378.00	\$500.00	\$5,500.00	\$420.00	\$4,620.00
6	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	2	\$1,324.00	\$2,648.00	\$1,000.00	\$2,000.00	\$920.00	\$1,840.00
7	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	4	\$4,241.00	\$16,964.00	\$3,000.00	\$12,000.00	\$4,600.00	\$18,400.00
8	END OF LINE FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES GATE VALVE & BOX, REDUCER, LEAD, APPROPRIATE TEE, FLUSHING VALVE, AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	1	\$4,241.00	\$4,241.00	\$4,100.00	\$4,100.00	\$4,650.00	\$4,650.00
9	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	306	\$2.00	\$612.00	\$2.50	\$765.00	\$3.20	\$979.20
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1161	\$0.10	\$116.10	\$0.10	\$116.10	\$1.00	\$1,161.00
<b>WATER ITEMS - SECTION 18 SUBTOTAL:</b>					<b>\$69,708.10</b>		<b>\$69,149.10</b>		<b>\$77,750.20</b>
<b>WATER ITEMS - SECTION 23</b>									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	1658	\$19.50	\$32,331.00	\$21.00	\$34,818.00	\$19.50	\$32,331.00
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	677	\$26.00	\$17,602.00	\$30.00	\$20,310.00	\$26.00	\$17,602.00
3	12" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	6	\$28.00	\$168.00	\$32.00	\$192.00	\$50.00	\$300.00
4	16" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	473	\$51.50	\$24,359.50	\$53.00	\$25,069.00	\$62.00	\$29,326.00
5	16" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS AND RESTRAINED JOINTS, COMPLETE IN PLACE	LF	999	\$63.75	\$63,686.25	\$89.00	\$88,911.00	\$93.00	\$92,907.00
6	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	423	\$67.00	\$28,341.00	\$78.00	\$32,994.00	\$138.00	\$58,374.00

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 AND PAVING AND APPURTENANCES TO SERVE POMONA SECTIONS 18 AND 23  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
 NOVEMBER 19, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 20, 2020  
 2149-4118 & 2149-4123 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	P.V.C. CASING FOR 16" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	53	\$112.00	\$5,936.00	\$73.00	\$3,869.00	\$145.00	\$7,685.00
8	STEEL CASING FOR 16" WATER LINE, DOES NOT INCLUDE CARRIER PIPE, COMPLETE IN PLACE	LF	268	\$96.00	\$25,728.00	\$64.00	\$17,152.00	\$110.00	\$29,480.00
9	TRENCHLESS CONSTRUCTION OF STEEL CASING FOR 16" WATER LINE, INCLUDES EXCAVATION AND BACKFILL OF BORE PITS, COMPLETE IN PLACE	LF	120	\$90.00	\$10,800.00	\$230.00	\$27,600.00	\$130.00	\$15,600.00
10	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	7	\$1,226.00	\$8,582.00	\$1,000.00	\$7,000.00	\$996.00	\$6,972.00
11	16" BUTTERFLY VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$2,812.00	\$11,248.00	\$3,800.00	\$15,200.00	\$4,500.00	\$18,000.00
12	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	18	\$398.00	\$7,164.00	\$400.00	\$7,200.00	\$420.00	\$7,560.00
13	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, COMPLETE IN PLACE	EA	30	\$1,324.00	\$39,720.00	\$1,000.00	\$30,000.00	\$920.00	\$27,600.00
14	12" WET CONNECTION, INCLUDES REMOVAL OF EXISTING BLOW-OFF VALVE, PLUG, AND CLAMP AND CONNECTION TO EXISTING 12" WATER LINE, COMPLETE IN PLACE	EA	1	\$374.00	\$374.00	\$600.00	\$600.00	\$150.00	\$150.00
15	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	11	\$4,241.00	\$46,651.00	\$3,000.00	\$33,000.00	\$4,900.00	\$53,900.00
16	END OF LINE FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES GATE VALVE & BOX, REDUCER, LEAD, APPROPRIATE TEE, FLUSHING VALVE AND RESTRAINED JOINTS, COMPLETE IN PLACE	EA	6	\$4,241.00	\$25,446.00	\$4,100.00	\$24,600.00	\$5,150.00	\$30,900.00
17	2" COMBINATION AIR RELEASE VALVE AND ASSEMBLY FOR 16" WATER LINE, INCLUDES VENT PIPING, BOLLARD AND SERVICE MANHOLE, COMPLETE IN PLACE	EA	2	\$4,196.00	\$8,392.00	\$6,000.00	\$12,000.00	\$7,500.00	\$15,000.00
18	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	1307	\$2.00	\$2,614.00	\$2.50	\$3,267.50	\$3.20	\$4,182.40
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5558	\$0.10	\$555.80	\$0.10	\$555.80	\$1.00	\$5,558.00
<b>WATER ITEMS - SECTION 23 SUBTOTAL:</b>					<b>\$359,698.55</b>		<b>\$384,338.30</b>		<b>\$453,427.40</b>
<b>SANITARY ITEMS - SECTION 18</b>									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	453	\$24.00	\$10,872.00	\$35.00	\$15,855.00	\$23.00	\$10,419.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	475	\$27.00	\$12,825.00	\$40.00	\$19,000.00	\$25.50	\$12,112.50
3	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	536	\$40.00	\$21,440.00	\$30.00	\$16,080.00	\$27.00	\$14,472.00
4	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	1	\$1,069.00	\$1,069.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	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	5	\$4,561.00	\$22,805.00	\$3,400.00	\$17,000.00	\$3,500.00	\$17,500.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	21	\$112.00	\$2,352.00	\$350.00	\$7,350.00	\$350.00	\$7,350.00
7	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$542.00	\$542.00	\$350.00	\$350.00	\$500.00	\$500.00
8	REMOVE EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$374.00	\$374.00	\$250.00	\$250.00	\$150.00	\$150.00
9	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	475	\$20.00	\$9,500.00	\$25.00	\$11,875.00	\$20.00	\$9,500.00
10	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	475	\$15.00	\$7,125.00	\$15.00	\$7,125.00	\$15.00	\$7,125.00
11	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	500	\$2.00	\$1,000.00	\$2.50	\$1,250.00	\$3.20	\$1,600.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1482	\$0.10	\$148.20	\$0.10	\$148.20	\$1.00	\$1,482.00
<b>SANITARY ITEMS - SECTION 18 SUBTOTAL:</b>					<b>\$90,052.20</b>		<b>\$97,283.20</b>		<b>\$82,960.50</b>
<b>SANITARY ITEMS - SECTION 23</b>									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1028	\$27.00	\$27,756.00	\$40.00	\$41,120.00	\$25.50	\$26,214.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 16'-20" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1887	\$30.00	\$56,610.00	\$50.00	\$94,350.00	\$32.75	\$61,799.25
3	21" P.V.C. SEWER PIPE, ASTM F-679, PS-115, 16'-20" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	686	\$72.00	\$49,392.00	\$95.00	\$65,170.00	\$76.00	\$52,136.00
4	21" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, BY TRENCHLESS CONSTRUCTION, INCLUDES EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE	LF	317	\$100.00	\$31,700.00	\$346.00	\$109,682.00	\$145.00	\$45,965.00
5	STEEL CASING FOR 21" SANITARY SEWER (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, COMPLETE IN PLACE	LF	317	\$131.00	\$41,527.00	\$60.00	\$19,020.00	\$160.00	\$50,720.00
6	"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	826	\$40.00	\$33,040.00	\$30.00	\$24,780.00	\$27.00	\$22,302.00
7	"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	17	\$1,049.00	\$17,833.00	\$1,000.00	\$17,000.00	\$800.00	\$13,600.00
8	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	24	\$4,561.00	\$109,464.00	\$3,400.00	\$81,600.00	\$3,500.00	\$84,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	212	\$112.00	\$23,744.00	\$350.00	\$74,200.00	\$350.00	\$74,200.00
10	SANITARY SEWER PLUG, ALL SIZES, COMPLETE IN PLACE	EA	3	\$115.00	\$345.00	\$100.00	\$300.00	\$150.00	\$450.00
11	STANDARD SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,622.00	\$11,244.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
12	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4744	\$20.00	\$94,880.00	\$25.00	\$118,600.00	\$20.00	\$94,880.00
13	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4744	\$15.00	\$71,160.00	\$15.00	\$71,160.00	\$15.00	\$71,160.00
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	1580	\$2.00	\$3,160.00	\$2.50	\$3,950.00	\$3.20	\$5,056.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4427	\$4.69	\$20,762.63	\$0.10	\$442.70	\$1.00	\$4,427.00
<b>SANITARY ITEMS - SECTION 23 SUBTOTAL:</b>					<b>\$592,617.63</b>		<b>\$722,374.70</b>		<b>\$607,909.25</b>
<b>DRAINAGE FACILITIES ITEMS - SECTION 18</b>									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	510	\$63.00	\$32,130.00	\$55.00	\$28,050.00	\$53.75	\$27,412.50
2	54-INCH RCP, ASTM-76 CLASS III STORM SEWER, ALL DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	289	\$171.00	\$49,419.00	\$200.00	\$57,800.00	\$201.00	\$58,089.00
3	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM-C1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE.	LF	326	\$255.00	\$83,130.00	\$300.00	\$97,800.00	\$355.00	\$115,730.00
4	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$1,144.00	\$3,432.00	\$940.00	\$2,820.00	\$1,800.00	\$5,400.00
5	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$1,094.00	\$3,282.00	\$1,300.00	\$3,900.00	\$400.00	\$1,200.00
6	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	3	\$2,253.00	\$6,759.00	\$1,000.00	\$3,000.00	\$1,800.00	\$5,400.00
7	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,028.00	\$6,084.00	\$2,100.00	\$6,300.00	\$800.00	\$2,400.00
8	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,244.00	\$6,732.00	\$2,150.00	\$6,450.00	\$2,200.00	\$6,600.00
9	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$7,202.00	\$14,404.00	\$3,100.00	\$6,200.00	\$4,600.00	\$9,200.00
10	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$8,500.00	\$34,000.00	\$7,000.00	\$28,000.00	\$6,300.00	\$25,200.00
11	6" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	181	\$91.00	\$16,471.00	\$105.00	\$19,005.00	\$120.00	\$21,720.00
12	EXPOSED CELLULAR CONCRETE MATTRESS, INCLUDES BACKFILL, GEOTEXTILE FABRIC, TOPSOIL, SOD AND FERTILIZER, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	259	\$91.00	\$23,569.00	\$64.00	\$16,576.00	\$100.00	\$25,900.00

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**LJA JOB NO.**

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES TO SERVE POMONA SECTIONS 18 AND 23  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
 NOVEMBER 19, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 20, 2020  
 2149-4118 & 2149-4123 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	CELLULAR CONCRETE MATTRESS FOR TOE TRENCH, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	82	\$108.00	\$8,856.00	\$64.00	\$5,248.00	\$100.00	\$8,200.00
14	EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, INCLUDES TURF REINFORCEMENT MAT (LANDLOK 300 OR APPROVED EQUAL), TOPSOIL AND SOD, COMPLETE IN PLACE	SY	109	\$51.00	\$5,559.00	\$50.00	\$5,450.00	\$100.00	\$10,900.00
15	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
17	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1692	\$2.00	\$3,384.00	\$2.50	\$4,230.00	\$3.20	\$5,414.40
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1125	\$0.10	\$112.50	\$0.10	\$112.50	\$1.00	\$1,125.00
<b>DRAINAGE FACILITIES ITEMS - SECTION 18 SUBTOTAL:</b>					<b>\$300,823.50</b>	<b>\$294,441.50</b>	<b>\$333,390.90</b>		
<b>DRAINAGE FACILITIES ITEMS - SECTION 23</b>									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	737	\$63.00	\$46,431.00	\$55.00	\$40,535.00	\$53.75	\$39,613.75
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	361	\$67.00	\$24,187.00	\$66.00	\$23,826.00	\$66.75	\$24,096.75
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1096	\$87.00	\$95,352.00	\$94.00	\$103,024.00	\$91.25	\$100,010.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	446	\$109.00	\$48,614.00	\$123.00	\$54,858.00	\$119.25	\$53,185.50
5	54-INCH RCP, ASTM-76 CLASS III STORM SEWER, ALL DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	187	\$171.00	\$31,977.00	\$198.00	\$37,026.00	\$201.00	\$37,587.00
6	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM-C1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE.	LF	603	\$255.00	\$153,765.00	\$295.00	\$177,885.00	\$355.00	\$214,065.00
7	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	16	\$1,144.00	\$18,304.00	\$940.00	\$15,040.00	\$1,800.00	\$28,800.00
8	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$1,094.00	\$17,504.00	\$1,300.00	\$20,800.00	\$400.00	\$6,400.00
9	STAGE I - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$2,253.00	\$4,506.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00
10	STAGE II - STANDARD 10' PRECAST INLET ("H-2"), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,028.00	\$4,056.00	\$2,150.00	\$4,300.00	\$600.00	\$1,200.00
11	TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,870.00	\$1,870.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
12	TYPE 'E' INLET, OPENINGS ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,065.00	\$2,065.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
13	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,244.00	\$38,148.00	\$2,150.00	\$36,550.00	\$2,300.00	\$39,100.00

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 AND PAVING AND APPURTENANCES TO SERVE POMONA SECTIONS 18 AND 23  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
 NOVEMBER 19, 2020  
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 C. DURHAM  
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 2149-4118 & 2149-4123 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	STANDARD MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,946.00	\$9,892.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00
15	STANDARD TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,991.00	\$9,982.00	\$3,100.00	\$6,200.00	\$6,300.00	\$12,600.00
16	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$7,500.00	\$22,500.00	\$7,000.00	\$21,000.00	\$5,600.00	\$16,800.00
17	REINFORCED CONCRETE JUNCTION BOX WITH GRATE INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$7,500.00	\$15,000.00	\$7,000.00	\$14,000.00	\$5,800.00	\$11,600.00
18	8" BRICK PLUG FOR STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	6	\$186.00	\$1,116.00	\$250.00	\$1,500.00	\$200.00	\$1,200.00
19	6" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	176	\$91.00	\$16,016.00	\$105.00	\$18,480.00	\$120.00	\$21,120.00
20	EXPOSED CELLULAR CONCRETE MATTRESS, INCLUDES BACKFILL, GEOTEXTILE FABRIC, TOPSOIL, SOD AND FERTILIZER, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	312	\$92.00	\$28,704.00	\$64.00	\$19,968.00	\$100.00	\$31,200.00
21	CELLULAR CONCRETE MATTRESS FOR TOE TRENCH, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	92	\$108.00	\$9,936.00	\$64.00	\$5,888.00	\$100.00	\$9,200.00
22	PROPOSED SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	443	\$3.20	\$1,417.60	\$3.50	\$1,550.50	\$3.50	\$1,550.50
23	PROPOSED TEMPORARY SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	379	\$3.20	\$1,212.80	\$3.50	\$1,326.50	\$3.50	\$1,326.50
24	EMERGENCY OVERLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, INCLUDES TURF REINFORCEMENT MAT (LANDLOK 300 OR APPROVED EQUAL), TOPSOIL AND SOD, COMPLETE IN PLACE	SY	564	\$50.00	\$28,200.00	\$50.00	\$28,200.00	\$10.00	\$5,640.00
25	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
26	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
27	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	4668	\$2.00	\$9,336.00	\$2.50	\$11,670.00	\$3.20	\$14,937.60
28	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3430	\$0.10	\$343.00	\$0.10	\$343.00	\$1.00	\$3,430.00
<b>DRAINAGE FACILITIES ITEMS - SECTION 23 SUBTOTAL:</b>					<b>\$643,934.40</b>		<b>\$657,770.00</b>		<b>\$692,062.60</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>									
1	REGRADE MUSTANG BAYOU BACKSLOPE SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	716	\$3.50	\$2,506.00	\$3.50	\$2,506.00	\$20.00	\$14,320.00
2	HYDROMULCH SEEDING AND FINE GRADING OF MUSTANG BAYOU R.O.W. DISTURBED BY CONSTRUCTION, COMPLETE IN PLACE	AC	1	\$1,441.00	\$1,441.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00
3	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

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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$25,838.00	\$25,838.00	\$25,869.99	\$25,869.99	\$30,301.00	\$30,301.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$31,785.00</b>		<b>\$31,575.99</b>		<b>\$48,621.00</b>
<b>SWPPP ITEMS</b>									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,208.71	\$1,208.71	\$1,000.00	\$1,000.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
4	STAGE II INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	29	\$50.00	\$1,450.00	\$50.00	\$1,450.00	\$50.00	\$1,450.00
5	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	12619	\$1.00	\$12,619.00	\$1.00	\$12,619.00	\$1.50	\$18,928.50
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$16,569.00</b>		<b>\$17,277.71</b>		<b>\$22,878.50</b>
<b>PAVING ITEMS - SECTION 18</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	2825	\$39.00	\$110,175.00	\$42.00	\$118,650.00	\$40.05	\$113,141.25
2	8" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	3027	\$3.25	\$9,837.75	\$3.50	\$10,594.50	\$2.40	\$7,264.80
3	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	70	\$185.00	\$12,950.00	\$175.00	\$12,250.00	\$212.00	\$14,840.00
4	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1007	\$3.00	\$3,021.00	\$3.00	\$3,021.00	\$3.50	\$3,524.50
5	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	809	\$3.00	\$2,427.00	\$3.00	\$2,427.00	\$3.50	\$2,831.50
6	COMPLETE LOT GRADING (13 LOTS, 5 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00	\$2,120.00	\$2,120.00
7	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	6344	\$3.75	\$23,790.00	\$4.50	\$28,548.00	\$3.20	\$20,300.80
8	CUSTOM POMONA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE POMONA CUSTOM 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	2	\$750.00	\$1,500.00	\$750.00	\$1,500.00	\$1,485.00	\$2,970.00
9	PERMANENT TRAFFIC CONTROL DEVICES FOR SECTION 18 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$2,500.00	\$2,500.00	\$1,060.00	\$1,060.00
10	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$250.00	\$250.00	\$212.00	\$212.00
11	CONNECT PROPOSED 6" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	28	\$15.00	\$420.00	\$20.00	\$560.00	\$16.00	\$448.00
12	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$20.00	\$760.00	\$17.50	\$665.00	\$16.00	\$608.00



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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	76	\$25.00	\$1,900.00	\$20.00	\$1,520.00	\$19.00	\$1,444.00
14	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$40.00	\$1,520.00	\$25.00	\$950.00	\$22.00	\$836.00
<b>PAVING ITEMS - SECTION 18 SUBTOTAL:</b>					<b>\$175,901.75</b>		<b>\$186,935.50</b>		<b>\$171,600.85</b>
<b>PAVING ITEMS - SECTION 23</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	6112	\$39.00	\$238,368.00	\$42.00	\$256,704.00	\$40.00	\$244,480.00
2	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5081	\$44.00	\$223,564.00	\$48.00	\$243,888.00	\$45.35	\$230,423.35
3	8" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	6540	\$3.25	\$21,255.00	\$3.00	\$19,620.00	\$2.40	\$15,696.00
4	10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	5320	\$3.50	\$18,620.00	\$3.00	\$15,960.00	\$2.65	\$14,098.00
5	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 46 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	152	\$185.00	\$28,120.00	\$175.00	\$26,600.00	\$212.00	\$32,224.00
6	HYDRATED LIME FOR 10" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 58 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	154	\$185.00	\$28,490.00	\$175.00	\$26,950.00	\$212.00	\$32,648.00
7	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	3487	\$3.00	\$10,461.00	\$3.00	\$10,461.00	\$3.45	\$12,030.15
8	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2374	\$3.00	\$7,122.00	\$3.00	\$7,122.00	\$3.45	\$8,190.30
9	COMPLETE LOT GRADING (46 LOTS, 2 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$16,800.00	\$16,800.00	\$11,000.00	\$11,000.00	\$5,300.00	\$5,300.00
10	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	11750	\$3.75	\$44,062.50	\$4.50	\$52,875.00	\$3.20	\$37,600.00
11	CUSTOM POMONA TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE POMONA CUSTOM 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	9	\$750.00	\$6,750.00	\$750.00	\$6,750.00	\$1,485.00	\$13,365.00
12	PERMANENT TRAFFIC CONTROL DEVICES FOR SECTION 23 (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$6,000.00	\$6,000.00	\$14,840.00	\$14,840.00
13	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$250.00	\$250.00	\$212.00	\$212.00
14	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	6	\$1,500.00	\$9,000.00	\$1,000.00	\$6,000.00	\$1,645.00	\$9,870.00
15	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	153	\$10.00	\$1,530.00	\$16.00	\$2,448.00	\$16.00	\$2,448.00
16	CONNECT PROPOSED 7" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	41	\$15.00	\$615.00	\$20.00	\$820.00	\$27.00	\$1,107.00
17	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$20.00	\$760.00	\$17.50	\$665.00	\$16.00	\$608.00
18	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	102	\$25.00	\$2,550.00	\$20.00	\$2,040.00	\$19.00	\$1,938.00

**BID TABULATION FOR:**

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

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 AND PAVING AND APPURTENANCES TO SERVE POMONA SECTIONS 18 AND 23  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 39  
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
 NOVEMBER 19, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 NOVEMBER 20, 2020  
 2149-4118 & 2149-4123 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) PRINCIPAL SERVICES, LTD		3) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	38	\$40.00	\$1,520.00	\$25.00	\$950.00	\$22.00	\$836.00
<b>PAVING ITEMS - SECTION 23 SUBTOTAL:</b>					<b>\$672,088.50</b>	<b>\$697,103.00</b>	<b>\$677,913.80</b>		
<b>MISCELLANEOUS PAVING ITEMS</b>									
1	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$750.00	\$750.00	\$1,485.00	\$1,485.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$750.00</b>	<b>\$750.00</b>	<b>\$1,485.00</b>		
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER ITEMS - SECTION 18					\$69,708.10	\$69,149.10	\$77,750.20		
SUBTOTAL WATER ITEMS - SECTION 23					\$359,698.55	\$384,338.30	\$453,427.40		
SUBTOTAL SANITARY ITEMS - SECTION 18					\$90,052.20	\$97,283.20	\$82,960.50		
SUBTOTAL SANITARY ITEMS - SECTION 23					\$592,617.63	\$722,374.70	\$607,909.25		
SUBTOTAL DRAINAGE FACILITIES ITEMS - SECTION 18					\$300,823.50	\$294,441.50	\$333,390.90		
SUBTOTAL DRAINAGE FACILITIES ITEMS - SECTION 23					\$643,934.40	\$657,770.00	\$692,062.60		
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$31,785.00	\$31,575.99	\$48,621.00		
SUBTOTAL SWPPP ITEMS					\$16,569.00	\$17,277.71	\$22,878.50		
SUBTOTAL PAVING ITEMS - SECTION 18					\$175,901.75	\$186,935.50	\$171,600.85		
SUBTOTAL PAVING ITEMS - SECTION 23					\$672,088.50	\$697,103.00	\$677,913.80		
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$750.00	\$750.00	\$1,485.00		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,953,928.63</b>	<b>\$3,158,999.00</b>	<b>\$3,170,000.00</b>		

