

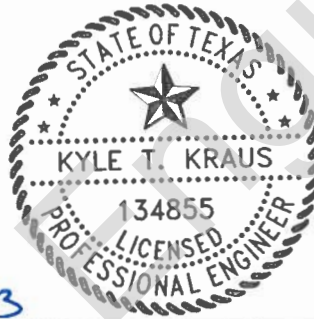
BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE
TO SERVE ANNISTON SECTION 7
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
DECEMBER 13, 2023
LJA ENGINEERING, INC.
E. MURPHY
DECEMBER 14, 2023
0390-2271 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEM
1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$1,925,852.58	\$1,786,757.19
2) CROSTEX CONSTRUCTION INC.	\$1,945,000.00	\$1,809,727.00
3) DIMAS BROS. CONSTRUCTION	\$1,982,039.14	\$1,833,437.14
4) R CONSTRUCTION CIVIL, LLC	\$1,987,636.70	\$1,835,840.70
5) FELLERS AND CLARK LP	\$2,040,000.00	\$1,881,316.80
6) PRINCIPAL SERVICES, LTD	\$2,146,010.70	\$1,999,585.70
7) TEXASITE	\$2,170,351.00	\$2,004,452.00
8) HURTADO CONSTRUCTION COMPANY	\$2,258,467.12	\$2,162,691.46

CALENDAR DAYS 80/90



 12/14/23
I, Kyle T. Kraus, PE, hereby certify these bid tabulations to be true and correct.

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 0390-2271 (9.2)

				GONZALEZ CONSTRUCTION ENTERPRISE, IN		2) CROSTEX CONSTRUCTION INC.		3) DIMAS BROS. CONSTRUCTION	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	3152	\$38.74	\$115,804.48	\$33.00	\$104,016.00	\$39.00	\$122,928.00
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	1901	\$49.92	\$94,897.92	\$52.75	\$100,277.75	\$53.00	\$100,753.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	15	\$2,017.53	\$30,262.95	\$1,875.00	\$25,125.00	\$1,505.00	\$22,575.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$917.54	\$1,835.08	\$1,185.00	\$2,370.00	\$784.00	\$1,568.00
5	FLUSHING VALVE, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$5,701.95	\$45,615.60	\$5,800.00	\$46,400.00	\$5,295.00	\$42,360.00
6	WET CONNECTION (ALL SIZES), INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP & 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$500.00	\$500.00	\$495.00	\$495.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	5053	\$0.70	\$3,537.10	\$1.05	\$5,305.65	\$1.00	\$5,053.00
WATER ITEMS SUBTOTAL:					\$292,053.13		\$283,994.40		\$295,732.00
OFF-SITE WATER ITEMS									
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	92	\$38.05	\$3,316.60	\$38.00	\$3,312.00	\$45.52	\$4,187.84
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	169	\$48.65	\$7,883.85	\$58.00	\$9,802.00	\$64.25	\$10,858.25
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,901.92	\$3,803.84	\$1,500.00	\$3,000.00	\$1,505.00	\$3,010.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$922.85	\$1,845.70	\$1,185.00	\$2,370.00	\$784.00	\$1,568.00
5	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	261	\$0.70	\$182.70	\$1.05	\$274.05	\$1.00	\$261.00
OFF-SITE WATER ITEMS SUBTOTAL:					\$17,032.69		\$18,758.05		\$19,885.09
SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 0'-8' CUT, COMPLETE IN PLACE	LF	2914	\$41.49	\$120,901.86	\$34.75	\$101,261.50	\$44.35	\$129,235.90
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	1146	\$42.65	\$48,876.90	\$38.50	\$44,121.00	\$47.55	\$54,492.30
3	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	33	\$2,874.19	\$94,848.27	\$2,875.00	\$94,875.00	\$2,355.00	\$77,715.00
4	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$4,624.86	\$4,624.86	\$5,450.00	\$5,450.00	\$4,784.00	\$4,784.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	21	\$110.00	\$2,310.00	\$288.00	\$6,048.00	\$140.00	\$2,940.00
6	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$763.78	\$763.78	\$700.00	\$700.00	\$884.00	\$884.00
7	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	1	\$19.82	\$19.82	\$70.00	\$70.00	\$30.00	\$30.00

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 TO SERVE ANNISTON SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	GONZALEZ CONSTRUCTION ENTERPRISE, IN		2) CROSTEX CONSTRUCTION INC.		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2169	\$48.96	\$106,194.24	\$44.00	\$95,436.00	\$53.45	\$115,933.05
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	33	\$1,497.61	\$49,421.13	\$1,470.00	\$48,510.00	\$1,160.00	\$38,280.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6674	\$0.74	\$4,938.76	\$1.10	\$7,341.40	\$1.00	\$6,674.00
SANITARY SEWER ITEMS SUBTOTAL:					\$432,899.82		\$403,812.90		\$430,988.25
OFF-SITE SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	866	\$42.07	\$36,432.62	\$38.50	\$33,341.00	\$48.05	\$41,611.30
2	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 12'-16' CUT, COMPLETE IN PLACE	LF	1418	\$52.80	\$74,870.40	\$42.50	\$60,265.00	\$56.10	\$79,549.80
3	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 16'-20' CUT, COMPLETE IN PLACE	LF	840	\$55.71	\$46,796.40	\$48.75	\$40,950.00	\$59.55	\$50,022.00
4	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	826	\$58.63	\$48,428.38	\$60.50	\$49,973.00	\$66.05	\$54,557.30
5	15" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	20	\$96.84	\$1,936.80	\$362.00	\$7,240.00	\$112.00	\$2,240.00
6	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	24	\$3,030.62	\$72,734.88	\$2,875.00	\$69,000.00	\$2,355.00	\$56,520.00
7	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	3	\$4,473.28	\$13,419.84	\$4,600.00	\$13,800.00	\$4,884.00	\$14,652.00
8	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	200	\$110.00	\$22,000.00	\$288.00	\$57,600.00	\$140.00	\$28,000.00
9	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$763.78	\$763.78	\$2,000.00	\$2,000.00	\$884.00	\$884.00
10	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	2	\$21.43	\$42.86	\$200.00	\$400.00	\$30.00	\$60.00
11	15" SANITARY PLUG, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$1,100.00	\$1,100.00	\$284.00	\$284.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3970	\$0.70	\$2,779.00	\$1.10	\$4,367.00	\$1.00	\$3,970.00
OFF-SITE SANITARY SEWER ITEMS SUBTOTAL:					\$320,404.96		\$340,036.00		\$332,350.40
STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	3625	\$88.88	\$322,190.00	\$83.25	\$301,781.25	\$93.00	\$337,125.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	119	\$113.59	\$13,517.21	\$106.00	\$12,614.00	\$117.00	\$13,923.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$153.40	\$29,146.00	\$148.00	\$28,120.00	\$167.00	\$31,730.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	313	\$233.72	\$73,154.36	\$238.00	\$74,494.00	\$250.00	\$78,250.00
5	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	27	\$338.71	\$9,145.17	\$349.00	\$9,423.00	\$363.00	\$9,801.00

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ITEM	DESCRIPTION	UNIT	QTY	GONZALEZ CONSTRUCTION ENTERPRISE, IN		2) CROSTEX CONSTRUCTION INC.		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,107.70	\$33,231.00	\$3,000.00	\$90,000.00	\$1,135.00	\$34,050.00
7	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", COMPLETE IN PLACE	EA	30	\$2,332.00	\$69,960.00	\$485.00	\$14,550.00	\$2,075.00	\$62,250.00
8	STAGE I – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,208.81	\$2,413.62	\$3,000.00	\$6,000.00	\$1,515.00	\$3,030.00
9	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", COMPLETE IN PLACE	EA	2	\$2,658.48	\$5,316.96	\$845.00	\$1,690.00	\$2,305.00	\$4,610.00
10	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	32	\$2,789.07	\$89,250.24	\$3,450.00	\$110,400.00	\$2,430.00	\$77,760.00
11	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$4,008.71	\$16,034.84	\$5,600.00	\$22,400.00	\$3,284.00	\$13,136.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH TYPE "E" INLET TOP, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$3,270.63	\$3,270.63	\$5,000.00	\$5,000.00	\$2,700.00	\$2,700.00
13	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00
14	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$884.00	\$884.00
15	CONTRACTOR TO BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$884.00	\$884.00
16	ADJUST EXISTING TYPE "E" INLET, COMPLETE IN PLACE	EA	1	\$845.35	\$845.35	\$500.00	\$500.00	\$500.00	\$500.00
17	REMOVE AND DISPOSE OF EXISTING TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$1,988.03	\$1,988.03	\$1,800.00	\$1,800.00	\$684.00	\$684.00
18	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4274	\$0.70	\$2,991.80	\$1.05	\$4,487.70	\$1.00	\$4,274.00
STORM SEWER ITEMS SUBTOTAL:					\$677,255.21		\$687,759.95		\$677,591.00
OFF-SITE STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	87	\$86.63	\$7,536.81	\$83.25	\$7,242.75	\$95.00	\$8,265.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	644	\$113.59	\$73,151.96	\$106.00	\$68,264.00	\$122.00	\$78,568.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	104	\$153.40	\$15,953.60	\$148.00	\$15,392.00	\$163.00	\$16,952.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	165	\$233.72	\$38,563.80	\$238.00	\$39,270.00	\$251.00	\$41,415.00
5	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	7	\$2,708.62	\$18,960.34	\$3,450.00	\$24,150.00	\$2,650.00	\$18,550.00
6	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$3,737.03	\$7,474.06	\$5,600.00	\$11,200.00	\$3,284.00	\$6,568.00
7	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$884.00	\$884.00
9	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	835	\$0.84	\$701.40	\$1.05	\$876.75	\$1.00	\$835.00
OFF-SITE STORM SEWER ITEMS SUBTOTAL:					\$165,141.97		\$170,395.50		\$174,037.00
MISCELLANEOUS ITEMS									
1	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF UTILITY LINES, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
2	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
3	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR SANITARY SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
4	ADJUSTMENT TO EXISTING MANHOLES TO NEW FINISHED GRADE, INCLUDES LABOR AND MATERIALS FOR ALL WORK ON STORM AND SANITARY MANHOLES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00	\$200.00	\$200.00
5	CRUSHED STONE SUPPORT FOR MANHOLE IN UNSTABLE SUBGRADE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5.00	\$5.00	\$200.00	\$200.00	\$350.00	\$350.00
6	UTILITY SPOILS FROM SECTION 7 UTILITIES TO REMAIN ON SITE, PLACED IN FRONT OF LOTS WITHIN SECTION 7, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$21,000.00	\$21,000.00
7	OFF-SITE UTILITY SPOILS TO BE PLACED IN FRONT OF LOTS WITHIN FUTURE SECTIONS 8 AND 9, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$7,200.00	\$7,200.00	\$13,500.00	\$13,500.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	250	\$1.00	\$250.00	\$2.00	\$500.00	\$1.00	\$250.00
10	HYDROMULCH SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
11	SURFACE WATER CONTROL AND PUMPING, INCLUDES ALL PUMPING TO COMPLETE PROJECT, COMPLETE IN PLACE	LS	1	\$100.00	\$100.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
12	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING, AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$900.00	\$900.00	\$893.20	\$893.20	\$500.00	\$500.00
13	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
14	BROADCAST SEEDING, FERTILIZING AND WATER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00

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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE
 TO SERVE ANNISTON SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	GONZALEZ CONSTRUCTION ENTERPRISE, IN		2) CROSTEX CONSTRUCTION INC.		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	STAGE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	33	\$20.00	\$660.00	\$100.00	\$3,300.00	\$10.00	\$330.00
16	EXTRA CEMENT STABILIZED SAND BACKFILL (2.0 SACKS PER TON), (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$28.00	\$2,800.00
17	CONTRACTOR TO CONNECT PROPOSED STORM SEWER INTO EXISTING JUNCTION BOX, INCLUDES REMOVAL AND REPLACEMENT OF EXISTING JUNCTION BOX, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,045.40	\$6,045.40
MISCELLANEOUS ITEMS SUBTOTAL:					\$21,065.00		\$40,243.20		\$51,475.40
ALTERNATE BID ITEM									
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	3625	\$68.69	\$249,001.25	\$65.00	\$235,625.00	\$73.35	\$265,893.75
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	119	\$88.92	\$10,581.48	\$89.00	\$10,591.00	\$97.00	\$11,543.00
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	190	\$107.98	\$20,516.20	\$99.00	\$18,810.00	\$113.00	\$21,470.00
4	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	313	\$166.83	\$52,217.79	\$154.00	\$48,202.00	\$160.00	\$50,080.00
5	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	87	\$66.44	\$5,780.28	\$65.00	\$5,655.00	\$74.75	\$6,503.25
6	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	644	\$88.92	\$57,264.48	\$89.00	\$57,316.00	\$100.00	\$64,400.00
7	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	104	\$107.98	\$11,229.92	\$99.00	\$10,296.00	\$109.00	\$11,336.00
8	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	165	\$166.83	\$27,526.95	\$154.00	\$25,410.00	\$160.00	\$26,400.00
ALTERNATE BID ITEM SUBTOTAL:					\$434,118.35		\$411,905.00		\$457,626.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$282,053.13		\$283,994.40		\$295,732.00
SUBTOTAL OFF-SITE WATER ITEMS					\$17,032.69		\$18,758.05		\$19,885.09
SUBTOTAL SANITARY SEWER ITEMS					\$432,899.62		\$403,812.90		\$430,968.25
SUBTOTAL OFF-SITE SANITARY SEWER ITEMS					\$320,404.96		\$340,036.00		\$332,350.40
SUBTOTAL STORM SEWER ITEMS					\$677,255.21		\$687,759.95		\$677,591.00
SUBTOTAL OFF-SITE STORM SEWER ITEMS					\$165,141.97		\$170,395.50		\$174,037.00
SUBTOTAL MISCELLANEOUS ITEMS					\$21,065.00		\$40,243.20		\$51,475.40
TOTAL AMOUNT BASE BID					\$1,925,852.58		\$1,945,000.00		\$1,982,039.14
ALTERNATE BID ITEM									
TOTAL AMOUNT BASE BID					\$1,925,852.58		\$1,945,000.00		\$1,982,039.14
DEDUCT STORM SEWER ITEMS ITEM NO.1					-\$322,190.00		-\$301,781.25		-\$337,125.00
DEDUCT STORM SEWER ITEMS ITEM NO.2					-\$13,517.21		-\$12,614.00		-\$13,923.00
DEDUCT STORM SEWER ITEMS ITEM NO.3					-\$29,146.00		-\$28,120.00		-\$31,730.00

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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
DECEMBER 13, 2023
LJA ENGINEERING, INC.
E. MURPHY
DECEMBER 14, 2023
0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) CROSTEX CONSTRUCTION INC.		3) DIMAS BROS. CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DEDUCT STORM SEWER ITEMS ITEM NO.4					-\$73,154.36		-\$74,484.00		-\$78,250.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.1					-\$7,536.81		-\$7,242.75		-\$8,265.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.2					-\$73,151.96		-\$68,264.00		-\$78,568.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.3					-\$15,953.60		-\$15,392.00		-\$16,952.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.4					-\$38,563.80		-\$39,270.00		-\$41,415.00
SUBTOTAL ALTERNATE BID ITEM					\$434,118.35		\$411,905.00		\$457,628.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM					\$1,786,757.19		\$1,809,727.00		\$1,833,437.14

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

				4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	3152	\$37.00	\$116,624.00	\$43.05	\$135,693.60	\$38.00	\$113,472.00
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	1901	\$58.00	\$110,258.00	\$45.10	\$85,735.10	\$60.00	\$114,060.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	15	\$1,800.00	\$27,000.00	\$2,035.00	\$30,525.00	\$1,880.00	\$28,200.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00	\$610.00	\$1,220.00	\$1,460.00	\$2,920.00
5	FLUSHING VALVE, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$5,400.00	\$43,200.00	\$5,660.00	\$45,280.00	\$6,249.00	\$49,992.00
6	WET CONNECTION (ALL SIZES), INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP & 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, COMPLETE IN PLACE	EA	1	\$325.00	\$325.00	\$180.00	\$180.00	\$623.00	\$623.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	5053	\$0.10	\$505.30	\$0.12	\$606.36	\$0.10	\$505.30
WATER ITEMS SUBTOTAL:					\$300,412.30		\$299,240.06		\$309,772.30
OFF-SITE WATER ITEMS									
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	92	\$42.00	\$3,864.00	\$43.05	\$3,960.60	\$39.00	\$3,588.00
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	169	\$65.00	\$10,985.00	\$45.10	\$7,621.90	\$64.00	\$10,816.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$2,035.00	\$4,070.00	\$1,653.00	\$3,306.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00	\$610.00	\$1,220.00	\$1,460.00	\$2,920.00
5	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	261	\$0.10	\$26.10	\$0.12	\$31.32	\$0.10	\$26.10
OFF-SITE WATER ITEMS SUBTOTAL:					\$20,975.10		\$16,903.82		\$20,656.10
SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 0'-8' CUT, COMPLETE IN PLACE	LF	2914	\$35.00	\$101,990.00	\$48.50	\$141,329.00	\$38.00	\$110,732.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	1146	\$40.00	\$45,840.00	\$48.50	\$55,581.00	\$39.00	\$44,694.00
3	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	33	\$3,000.00	\$99,000.00	\$2,730.00	\$90,090.00	\$4,385.00	\$144,705.00
4	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$6,450.00	\$6,450.00	\$5,100.00	\$5,100.00	\$5,327.00	\$5,327.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	21	\$185.00	\$3,885.00	\$139.65	\$2,932.65	\$370.00	\$7,770.00
6	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$1,110.00	\$1,110.00	\$870.00	\$870.00
7	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	1	\$200.00	\$200.00	\$36.45	\$36.45	\$46.00	\$46.00

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2169	\$49.00	\$106,281.00	\$51.25	\$111,161.25	\$43.00	\$93,267.00
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	33	\$1,550.00	\$51,150.00	\$1,300.00	\$42,900.00	\$1,702.00	\$56,166.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6674	\$0.10	\$667.40	\$0.12	\$800.88	\$0.10	\$667.40
SANITARY SEWER ITEMS SUBTOTAL:					\$416,013.40		\$451,041.23		\$484,244.40
OFF-SITE SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	866	\$36.00	\$31,176.00	\$48.50	\$42,001.00	\$39.00	\$33,774.00
2	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 12'-16' CUT, COMPLETE IN PLACE	LF	1418	\$45.00	\$63,810.00	\$58.45	\$82,882.10	\$51.00	\$72,318.00
3	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 16'-20' CUT, COMPLETE IN PLACE	LF	840	\$59.00	\$49,560.00	\$58.45	\$49,098.00	\$63.00	\$52,920.00
4	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	826	\$78.00	\$64,428.00	\$58.45	\$48,279.70	\$105.00	\$86,730.00
5	15" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	20	\$154.00	\$3,080.00	\$201.50	\$4,030.00	\$415.00	\$8,300.00
6	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	24	\$2,650.00	\$63,600.00	\$2,730.00	\$65,520.00	\$3,052.00	\$73,248.00
7	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	3	\$6,500.00	\$19,500.00	\$5,100.00	\$15,300.00	\$5,324.00	\$15,972.00
8	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	200	\$185.00	\$37,000.00	\$139.65	\$27,930.00	\$370.00	\$74,000.00
9	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$1,110.00	\$1,110.00	\$2,370.00	\$2,370.00
10	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	2	\$95.00	\$190.00	\$36.45	\$72.90	\$58.00	\$116.00
11	15" SANITARY PLUG, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$420.00	\$420.00	\$1,223.00	\$1,223.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3970	\$0.10	\$397.00	\$0.12	\$476.40	\$0.10	\$397.00
OFF-SITE SANITARY SEWER ITEMS SUBTOTAL:					\$334,191.00		\$337,120.10		\$421,368.00
STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	3625	\$85.00	\$308,125.00	\$92.65	\$335,856.25	\$96.00	\$348,000.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	119	\$117.00	\$13,923.00	\$114.70	\$13,649.30	\$119.00	\$14,161.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$167.00	\$31,730.00	\$155.10	\$29,469.00	\$176.00	\$33,440.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	313	\$260.00	\$81,380.00	\$241.00	\$75,433.00	\$288.00	\$90,144.00
5	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	27	\$378.00	\$10,206.00	\$348.70	\$9,414.90	\$417.00	\$11,259.00

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 DECEMBER 13, 2023
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 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,150.00	\$34,500.00	\$1,165.00	\$34,950.00	\$1,315.00	\$39,450.00
7	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", COMPLETE IN PLACE	EA	30	\$2,700.00	\$81,000.00	\$2,775.00	\$83,250.00	\$2,617.00	\$78,510.00
8	STAGE I – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,450.00	\$2,900.00	\$1,280.00	\$2,560.00	\$1,374.00	\$2,748.00
9	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", COMPLETE IN PLACE	EA	2	\$2,600.00	\$5,200.00	\$3,065.00	\$6,130.00	\$2,275.00	\$4,550.00
10	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	32	\$2,900.00	\$92,800.00	\$2,490.00	\$79,680.00	\$2,782.00	\$89,024.00
11	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$5,000.00	\$20,000.00	\$4,460.00	\$17,840.00	\$3,784.00	\$15,136.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH TYPE "E" INLET TOP, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$3,885.00	\$3,885.00	\$3,787.00	\$3,787.00
13	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,820.00	\$1,820.00	\$536.00	\$536.00
14	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$1,940.00	\$1,940.00	\$295.00	\$295.00
15	CONTRACTOR TO BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$3,705.00	\$3,705.00	\$295.00	\$295.00
16	ADJUST EXISTING TYPE "E" INLET, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$940.00	\$940.00	\$2,658.00	\$2,658.00
17	REMOVE AND DISPOSE OF EXISTING TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$1,305.00	\$1,305.00	\$1,000.00	\$1,000.00
18	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4274	\$0.10	\$427.40	\$0.12	\$512.88	\$0.10	\$427.40
STORM SEWER ITEMS SUBTOTAL:					\$692,091.40		\$702,340.33		\$735,420.40
OFF-SITE STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	87	\$85.00	\$7,395.00	\$92.65	\$8,060.55	\$96.00	\$8,352.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	644	\$120.00	\$77,280.00	\$114.70	\$73,866.80	\$119.00	\$76,636.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	104	\$160.00	\$16,640.00	\$155.10	\$16,130.40	\$178.00	\$18,304.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	165	\$264.00	\$43,560.00	\$241.00	\$39,765.00	\$288.00	\$47,520.00
5	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	7	\$3,100.00	\$21,700.00	\$2,490.00	\$17,430.00	\$2,781.00	\$19,467.00
6	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$5,100.00	\$10,200.00	\$4,460.00	\$8,920.00	\$3,784.00	\$7,568.00
7	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,820.00	\$1,820.00	\$536.00	\$536.00

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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE
 TO SERVE ANNISTON SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$2,245.00	\$2,245.00	\$295.00	\$295.00
9	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	835	\$0.10	\$83.50	\$0.12	\$100.20	\$0.10	\$83.50
OFF-SITE STORM SEWER ITEMS SUBTOTAL:					\$178,658.50		\$168,337.95		\$178,761.50
MISCELLANEOUS ITEMS									
1	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF UTILITY LINES, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$30.00	\$3,000.00
2	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
3	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR SANITARY SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
4	ADJUSTMENT TO EXISTING MANHOLES TO NEW FINISHED GRADE, INCLUDES LABOR AND MATERIALS FOR ALL WORK ON STORM AND SANITARY MANHOLES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00
5	CRUSHED STONE SUPPORT FOR MANHOLE IN UNSTABLE SUBGRADE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
6	UTILITY SPOILS FROM SECTION 7 UTILITIES TO REMAIN ON SITE, PLACED IN FRONT OF LOTS WITHIN SECTION 7, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$38,530.00	\$38,530.00	\$2,000.00	\$2,000.00
7	OFF-SITE UTILITY SPOILS TO BE PLACED IN FRONT OF LOTS WITHIN FUTURE SECTIONS 8 AND 9, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$9,800.00	\$9,800.00	\$1,820.00	\$1,820.00	\$2,000.00	\$2,000.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	250	\$1.00	\$250.00	\$1.00	\$250.00	\$2.00	\$500.00
10	HYDROMULCH SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
11	SURFACE WATER CONTROL AND PUMPING, INCLUDES ALL PUMPING TO COMPLETE PROJECT, COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$610.00	\$610.00	\$100.00	\$100.00
12	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING, AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$1,100.00	\$1,100.00	\$2,030.56	\$2,030.56	\$500.00	\$500.00
13	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,520.00	\$1,520.00	\$1,000.00	\$1,000.00
14	BROADCAST SEEDING, FERTILIZING AND WATER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	STAGE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	33	\$30.00	\$990.00	\$12.15	\$400.95	\$1.00	\$33.00
16	EXTRA CEMENT STABILIZED SAND BACKFILL (2.0 SACKS PER TON), (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
17	CONTRACTOR TO CONNECT PROPOSED STORM SEWER INTO EXISTING JUNCTION BOX, INCLUDES REMOVAL AND REPLACEMENT OF EXISTING JUNCTION BOX, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00	\$12,200.00	\$12,200.00	\$1,000.00	\$1,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$45,295.00		\$85,016.51		\$15,788.00
ALTERNATE BID ITEM									
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	3625	\$64.00	\$232,000.00	\$69.80	\$253,025.00	\$79.00	\$286,375.00
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	119	\$96.00	\$11,424.00	\$91.00	\$10,829.00	\$88.00	\$10,472.00
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	190	\$116.00	\$22,040.00	\$108.20	\$20,558.00	\$121.00	\$22,990.00
4	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	313	\$174.00	\$54,462.00	\$153.15	\$47,935.95	\$197.00	\$61,661.00
5	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	87	\$63.00	\$5,481.00	\$69.80	\$6,072.60	\$79.00	\$6,873.00
6	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	644	\$99.00	\$63,756.00	\$91.00	\$58,604.00	\$88.00	\$56,672.00
7	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	104	\$106.00	\$11,024.00	\$108.20	\$11,252.80	\$121.00	\$12,584.00
8	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	165	\$170.00	\$28,050.00	\$153.15	\$25,269.75	\$197.00	\$32,505.00
ALTERNATE BID ITEM SUBTOTAL:					\$428,237.00		\$433,547.10		\$490,132.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$300,412.30		\$299,240.06		\$309,772.30
SUBTOTAL OFF-SITE WATER ITEMS					\$20,975.10		\$16,903.82		\$20,658.10
SUBTOTAL SANITARY SEWER ITEMS					\$416,013.40		\$451,041.23		\$464,244.40
SUBTOTAL OFF-SITE SANITARY SEWER ITEMS					\$334,191.00		\$337,120.10		\$421,368.00
SUBTOTAL STORM SEWER ITEMS					\$692,091.40		\$702,340.33		\$735,420.40
SUBTOTAL OFF-SITE STORM SEWER ITEMS					\$178,658.50		\$168,337.95		\$178,761.50
SUBTOTAL MISCELLANEOUS ITEMS					\$45,295.00		\$85,016.51		\$15,788.00
TOTAL AMOUNT BASE BID					\$1,987,636.70		\$2,040,000.00		\$2,146,010.70
ALTERNATE BID ITEM									
TOTAL AMOUNT BASE BID					\$1,987,636.70		\$2,040,000.00		\$2,146,010.70
DEDUCT STORM SEWER ITEMS ITEM NO.1					-\$308,125.00		-\$335,858.25		-\$348,000.00
DEDUCT STORM SEWER ITEMS ITEM NO.2					-\$13,923.00		-\$13,649.30		-\$14,161.00
DEDUCT STORM SEWER ITEMS ITEM NO.3					-\$31,730.00		-\$29,469.00		-\$33,440.00

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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
DECEMBER 13, 2023
LJA ENGINEERING, INC.
E. MURPHY
DECEMBER 14, 2023
0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL, LLC		5) FELLERS AND CLARK LP		6) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DEDUCT STORM SEWER ITEMS ITEM NO.4					-\$81,380.00		-\$75,433.00		-\$90,144.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.1					-\$7,395.00		-\$8,060.55		-\$8,352.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.2					-\$77,280.00		-\$73,866.80		-\$76,636.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.3					-\$16,640.00		-\$16,130.40		-\$18,304.00
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.4					-\$43,560.00		-\$39,765.00		-\$47,520.00
SUBTOTAL ALTERNATE BID ITEM					\$428,237.00		\$433,547.10		\$490,132.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM					\$1,835,840.70		\$1,881,316.80		\$1,999,585.70

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 LJA ENGINEERING, INC.
 E. MURPHY
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 0390-2271 (9.2)

				7) TEXASITE	8) HURTADO CONSTRUCTION COMPANY		
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	3152	\$38.00	\$119,776.00	\$39.38	\$124,125.76
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	1901	\$59.00	\$112,159.00	\$45.88	\$87,217.88
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	15	\$1,900.00	\$28,500.00	\$1,888.00	\$28,320.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,160.00	\$2,320.00	\$708.00	\$1,416.00
5	FLUSHING VALVE, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$8,000.00	\$48,000.00	\$5,588.00	\$44,704.00
6	WET CONNECTION (ALL SIZES), INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP & 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$668.00	\$668.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	5053	\$1.00	\$5,053.00	\$0.08	\$404.24
WATER ITEMS SUBTOTAL:					\$318,308.00		\$286,855.88
OFF-SITE WATER ITEMS							
1	8" PVC WATER LINE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	92	\$41.00	\$3,772.00	\$36.18	\$3,328.56
2	RESTRAINED JOINT 8" PVC WATER LINE, DR 14, CLASS 305, ALL DEPTHS, INCLUDING ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	169	\$85.00	\$10,985.00	\$45.88	\$7,753.72
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,900.00	\$3,800.00	\$1,888.00	\$3,776.00
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,150.00	\$2,300.00	\$718.00	\$1,436.00
5	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	261	\$1.00	\$261.00	\$0.08	\$20.88
OFF-SITE WATER ITEMS SUBTOTAL:					\$21,118.00		\$16,315.16
SANITARY SEWER ITEMS							
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 0'-8' CUT, COMPLETE IN PLACE	LF	2914	\$44.00	\$128,216.00	\$55.38	\$161,377.32
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	1146	\$46.00	\$52,716.00	\$55.68	\$63,809.28
3	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	33	\$3,350.00	\$110,550.00	\$3,368.00	\$111,144.00
4	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$10,908.00	\$10,908.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	21	\$200.00	\$4,200.00	\$138.00	\$2,898.00
6	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$865.00	\$865.00	\$1,008.00	\$1,008.00
7	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	1	\$40.00	\$40.00	\$18.00	\$18.00

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 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE		8) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2169	\$51.00	\$110,619.00	\$68.18	\$147,882.42
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED BACKFILL, RISER, STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	33	\$1,500.00	\$49,500.00	\$1,968.00	\$64,944.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6674	\$1.00	\$6,674.00	\$0.08	\$533.92
SANITARY SEWER ITEMS SUBTOTAL:					\$466,880.00		\$564,522.94
OFF-SITE SANITARY SEWER ITEMS							
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26 (PR 160), 8'-12' CUT, COMPLETE IN PLACE	LF	866	\$40.00	\$34,640.00	\$56.68	\$49,084.88
2	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 12'-16" CUT, COMPLETE IN PLACE	LF	1418	\$51.00	\$72,318.00	\$65.88	\$93,417.84
3	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 16'-20' CUT, COMPLETE IN PLACE	LF	840	\$59.00	\$49,560.00	\$63.08	\$69,787.20
4	8" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	826	\$98.00	\$80,948.00	\$91.88	\$75,892.88
5	15" PVC SEWER PIPE, AWWA C900, DR 18, CLASS 235, 20'-24' CUT, COMPLETE IN PLACE	LF	20	\$430.00	\$8,600.00	\$188.00	\$3,760.00
6	PRECAST SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	24	\$3,130.00	\$75,120.00	\$3,368.00	\$80,832.00
7	VENTED SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	3	\$3,500.00	\$10,500.00	\$10,908.00	\$32,724.00
8	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH), COMPLETE IN PLACE	VF	200	\$200.00	\$40,000.00	\$138.00	\$27,600.00
9	STANDARD 8" SANITARY SEWER DROP ON M.H. (0'-3'), COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$888.00	\$888.00
10	EXTRA DEPTH FOR ALL SANITARY DROP STRUCTURES AT MANHOLE (OVER 3' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	2	\$40.00	\$80.00	\$28.00	\$56.00
11	15" SANITARY PLUG, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$388.00	\$388.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3970	\$1.00	\$3,970.00	\$0.08	\$317.60
OFF-SITE SANITARY SEWER ITEMS SUBTOTAL:					\$378,038.00		\$434,748.40
STORM SEWER ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	3625	\$94.00	\$340,750.00	\$90.68	\$328,715.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	119	\$123.00	\$14,637.00	\$132.18	\$15,729.42
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	190	\$174.00	\$33,060.00	\$164.58	\$31,270.20
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	313	\$270.00	\$84,510.00	\$247.88	\$77,586.44
5	54" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	27	\$395.00	\$10,665.00	\$363.68	\$9,819.36

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE
 TO SERVE ANNISTON SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE		8) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,950.00	\$58,500.00	\$1,238.00	\$37,140.00
7	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST INLET, TYPE "B-B", COMPLETE IN PLACE	EA	30	\$1,950.00	\$58,500.00	\$1,648.00	\$49,440.00
8	STAGE I – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,950.00	\$3,900.00	\$1,418.00	\$2,836.00
9	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST INLET, TYPE "C-1", COMPLETE IN PLACE	EA	2	\$3,200.00	\$6,400.00	\$2,280.00	\$4,560.00
10	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	32	\$4,150.00	\$132,800.00	\$3,608.00	\$115,456.00
11	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$5,650.00	\$22,600.00	\$4,018.00	\$16,072.00
12	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER WITH TYPE "E" INLET TOP, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$4,488.00	\$4,488.00
13	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$2,800.00	\$2,800.00
14	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$888.00	\$888.00
15	CONTRACTOR TO BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$3,688.00	\$3,688.00
16	ADJUST EXISTING TYPE "E" INLET, COMPLETE IN PLACE	EA	1	\$1,050.00	\$1,050.00	\$80.00	\$80.00
17	REMOVE AND DISPOSE OF EXISTING TYPE "E" INLET TOP AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$2,588.00	\$2,588.00
18	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4274	\$1.00	\$4,274.00	\$0.08	\$341.92
STORM SEWER ITEMS SUBTOTAL:					\$779,996.00		\$703,498.34
OFF-SITE STORM SEWER ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	87	\$94.00	\$8,178.00	\$88.48	\$7,697.76
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	644	\$120.00	\$77,280.00	\$112.28	\$72,308.32
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	104	\$170.00	\$17,680.00	\$150.08	\$15,608.32
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	165	\$268.00	\$44,220.00	\$250.28	\$41,298.20
5	STANDARD TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	7	\$4,000.00	\$28,000.00	\$3,608.00	\$25,256.00
6	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$5,300.00	\$10,600.00	\$4,018.00	\$8,036.00
7	EXCAVATION AND RE-GRADING EXISTING SWALE TO TYPE "E" INLET, VARYING DEPTH WITH 4:1 OR FLATTER SIDE SLOPES, INCLUDES FINAL GRADING, STRIPPINGS, REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$2,800.00	\$2,800.00

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 539
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 DECEMBER 13, 2023
 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE		8) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$888.00	\$888.00
9	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	835	\$1.00	\$835.00	\$0.08	\$66.80
OFF-SITE STORM SEWER ITEMS SUBTOTAL:					\$189,243.00		\$173,957.40
MISCELLANEOUS ITEMS							
1	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF UTILITY LINES, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
2	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR STORM SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00
3	WET SAND BEDDING FOR UNSTABLE SUBGRADE FOR SANITARY SEWER AS PER CITY OF HOUSTON DRAWING NO. 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00
4	ADJUSTMENT TO EXISTING MANHOLES TO NEW FINISHED GRADE, INCLUDES LABOR AND MATERIALS FOR ALL WORK ON STORM AND SANITARY MANHOLES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00
5	CRUSHED STONE SUPPORT FOR MANHOLE IN UNSTABLE SUBGRADE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5.00	\$5.00	\$5.00	\$5.00
6	UTILITY SPOILS FROM SECTION 7 UTILITIES TO REMAIN ON SITE, PLACED IN FRONT OF LOTS WITHIN SECTION 7, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00
7	OFF-SITE UTILITY SPOILS TO BE PLACED IN FRONT OF LOTS WITHIN FUTURE SECTIONS 8 AND 9, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT & COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$8,800.00	\$8,800.00
8	EXTRA DUCTILE IRON FITTINGS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	250	\$1.00	\$250.00	\$1.00	\$250.00
10	HYDROMULCH SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
11	SURFACE WATER CONTROL AND PUMPING, INCLUDES ALL PUMPING TO COMPLETE PROJECT, COMPLETE IN PLACE	LS	1	\$115.00	\$115.00	\$2,000.00	\$2,000.00
12	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, INCLUDING STREET SWEEPING, AND CONCRETE WASHOUT, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$800.00	\$800.00
13	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$200.00	\$200.00	\$800.00	\$800.00
14	BROADCAST SEEDING, FERTILIZING AND WATER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$500.00	\$500.00	\$500.00	\$500.00

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 LJA ENGINEERING, INC.
 E. MURPHY
 DECEMBER 14, 2023
 0390-2271 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE		8) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	STAGE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	33	\$100.00	\$3,300.00	\$8.00	\$264.00
16	EXTRA CEMENT STABILIZED SAND BACKFILL (2.0 SACKS PER TON), (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
17	CONTRACTOR TO CONNECT PROPOSED STORM SEWER INTO EXISTING JUNCTION BOX, INCLUDES REMOVAL AND REPLACEMENT OF EXISTING JUNCTION BOX, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$38,000.00	\$38,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$18,770.00		\$78,569.00
ALTERNATE BID ITEM							
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	3625	\$71.00	\$257,375.00	\$78.00	\$282,750.00
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	119	\$101.00	\$12,019.00	\$108.00	\$12,852.00
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	190	\$115.00	\$21,850.00	\$124.00	\$23,560.00
4	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	313	\$172.00	\$53,836.00	\$180.00	\$56,340.00
5	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #1, COMPLETE IN PLACE	LF	87	\$70.00	\$6,090.00	\$78.00	\$6,786.00
6	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #2, COMPLETE IN PLACE	LF	644	\$99.00	\$63,756.00	\$108.00	\$69,552.00
7	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #3, COMPLETE IN PLACE	LF	104	\$110.00	\$11,440.00	\$124.00	\$12,896.00
8	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF OFF-SITE STORM SEWER ITEMS FOR ANNISTON SECTION 7 - ITEM #4, COMPLETE IN PLACE	LF	165	\$170.00	\$28,050.00	\$180.00	\$29,700.00
ALTERNATE BID ITEM SUBTOTAL:					\$454,416.00		\$494,436.00
BIDDING SUMMARY							
SUBTOTAL WATER ITEMS					\$316,308.00		\$286,855.88
SUBTOTAL OFF-SITE WATER ITEMS					\$21,118.00		\$16,315.16
SUBTOTAL SANITARY SEWER ITEMS					\$466,880.00		\$564,522.94
SUBTOTAL OFF-SITE SANITARY SEWER ITEMS					\$378,036.00		\$434,748.40
SUBTOTAL STORM SEWER ITEMS					\$779,996.00		\$703,498.34
SUBTOTAL OFF-SITE STORM SEWER ITEMS					\$189,243.00		\$173,957.40
SUBTOTAL MISCELLANEOUS ITEMS					\$18,770.00		\$78,569.00
TOTAL AMOUNT BASE BID					\$2,170,351.00		\$2,258,467.12
ALTERNATE BID ITEM							
TOTAL AMOUNT BASE BID					\$2,170,351.00		\$2,258,467.12
DEDUCT STORM SEWER ITEMS ITEM NO.1					-\$340,750.00		-\$328,715.00
DEDUCT STORM SEWER ITEMS ITEM NO.2					-\$14,637.00		-\$15,729.42
DEDUCT STORM SEWER ITEMS ITEM NO.3					-\$33,080.00		-\$31,270.20

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E. MURPHY
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ITEM	DESCRIPTION	7) TEXASITE		8) HURTADO CONSTRUCTION COMPANY	
		UNIT	TOTAL COST	UNIT COST	TOTAL COST
DEDUCT STORM SEWER ITEMS ITEM NO.4			-\$84,510.00		-\$77,586.44
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.1			-\$8,178.00		-\$7,697.76
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.2			-\$77,280.00		-\$72,308.32
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.3			-\$17,680.00		-\$15,608.32
DEDUCT OFF-SITE STORM SEWER ITEMS ITEM NO.4			-\$44,220.00		-\$41,296.20
SUBTOTAL ALTERNATE BID ITEM			\$454,416.00		\$494,438.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM			\$2,004,452.00		\$2,162,691.46