

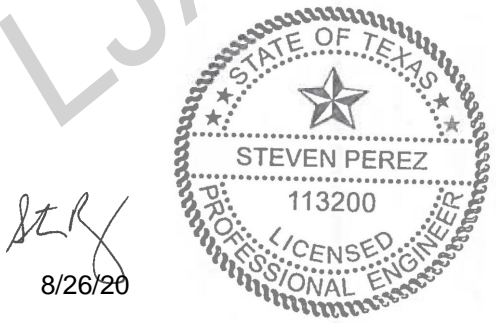
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE IMPERIAL HEIGHTS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
AUGUST 25, 2020
LJA ENGINEERING, INC.
A.OTTO
AUGUST 25, 2020
1628-1100 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$1,635,364.28
2) BLAZEY CONSTRUCTION SERVICES LLC	\$1,646,479.60
3) TEXASITE, LLC	\$1,689,676.51
4) CE BARKER, LTD	\$1,694,414.83
5) NORTHTEX CONSTRUCTION, LLC.	\$1,741,210.45
6) R CONSTRUCTION CIVIL	\$1,813,519.40
7) D. L. ELLIOTT ENTERPRISES, INC.	\$1,818,000.70
8) CROSTEX CONSTRUCTION INC.	\$1,835,000.00
9) PRINCIPAL SERVICES, LTD.	\$1,861,997.40
10) TRIPLE B SERVICES, LLP	\$1,967,459.32

CALENDAR DAYS 65/75



I, Steven Perez, PE, hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) BLAZEY CONSTRUCTION SERVICES LLC		3) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	4025	\$17.82	\$71,725.50	\$17.35	\$69,833.75	\$16.00	\$64,400.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	2295	\$26.55	\$60,932.25	\$20.84	\$47,827.80	\$26.00	\$59,670.00
3	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	38	\$52.02	\$1,976.76	\$44.33	\$1,684.54	\$51.00	\$1,938.00
4	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	276	\$12.77	\$3,524.52	\$14.40	\$3,974.40	\$15.00	\$4,140.00
5	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	129	\$21.60	\$2,786.40	\$21.34	\$2,752.86	\$18.00	\$2,322.00
6	4" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	105	\$12.34	\$1,295.70	\$12.77	\$1,340.85	\$17.00	\$1,785.00
7	4" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	70	\$16.63	\$1,164.10	\$14.79	\$1,035.30	\$14.00	\$980.00
8	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX AND LEAD, COMPLETE IN PLACE	EA	16	\$3,167.88	\$50,686.08	\$3,034.92	\$48,558.72	\$3,300.00	\$52,800.00
9	8"AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	23	\$967.51	\$22,252.73	\$906.85	\$20,857.55	\$1,000.00	\$23,000.00
10	2" BLOW-OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	1	\$487.97	\$487.97	\$391.17	\$391.17	\$550.00	\$550.00
11	12" X 8" TAPPING SLEEVE, VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$3,410.00	\$6,820.00	\$3,666.44	\$7,332.88	\$4,500.00	\$9,000.00
12	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$20.00	\$20.00	\$166.72	\$166.72	\$150.00	\$150.00
13	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	140	\$20.21	\$2,829.40	\$44.85	\$6,279.00	\$50.00	\$7,000.00
14	AUGER SECTION FOR PROPOSED 8" WATER LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	140	\$111.54	\$15,615.60	\$63.67	\$8,913.80	\$75.00	\$10,500.00
15	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6931	\$0.10	\$693.10	\$0.27	\$1,871.37	\$1.00	\$6,931.00
WATER ITEMS SUBTOTAL:					\$242,810.11		\$222,820.71		\$245,166.00
SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3437	\$25.37	\$87,196.69	\$24.29	\$83,484.73	\$26.00	\$89,362.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2534	\$25.92	\$65,681.28	\$24.41	\$61,854.94	\$28.00	\$70,952.00
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1075	\$27.02	\$29,046.50	\$24.56	\$26,402.00	\$31.00	\$33,325.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	49	\$1,949.20	\$95,510.80	\$2,143.62	\$105,037.38	\$2,100.00	\$102,900.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH) (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	VF	61	\$100.00	\$6,100.00	\$111.43	\$6,797.23	\$150.00	\$9,150.00

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ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) BLAZEY CONSTRUCTION SERVICES LLC		3) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2473	\$28.07	\$69,417.11	\$37.14	\$91,847.22	\$36.00	\$89,028.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	79	\$542.76	\$42,878.04	\$752.85	\$59,475.15	\$830.00	\$65,570.00
8	CONSTRUCT PROPOSED SANITARY MANHOLE ON EXISTING 12" SANITARY SEWER AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$2,675.20	\$2,675.20	\$1,687.30	\$1,687.30	\$1,675.00	\$1,675.00
9	T.V. INSPECTION FOR 8-INCH SANITARY SEWER MAINS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4061	\$1.82	\$7,391.02	\$2.28	\$9,259.08	\$0.01	\$40.61
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	9519	\$0.10	\$951.90	\$0.27	\$2,570.13	\$1.00	\$9,519.00
11	14" STEEL CASING FOR 8" SANITARY LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	105	\$15.19	\$1,594.95	\$39.00	\$4,095.00	\$55.00	\$5,775.00
12	AUGER SECTION FOR PROPOSED 8" SANITARY LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	105	\$121.00	\$12,705.00	\$68.00	\$7,140.00	\$91.00	\$9,555.00
13	AUGER SECTION FOR PROPOSED 6" SANITARY LEADS (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	145	\$53.90	\$7,815.50	\$63.67	\$9,232.15	\$65.00	\$9,425.00
SANITARY SEWER ITEMS SUBTOTAL:					\$428,963.99		\$468,882.31		\$496,276.61
DRAINAGE FACILITIES ITEMS									
1	24" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1896	\$55.45	\$105,133.20	\$55.95	\$106,081.20	\$56.00	\$106,176.00
2	30" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	952	\$70.21	\$66,839.92	\$68.15	\$64,878.80	\$68.00	\$64,736.00
3	36" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	670	\$91.42	\$61,251.40	\$92.90	\$62,243.00	\$94.00	\$62,980.00
4	4'X2' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	365	\$206.67	\$75,434.55	\$196.90	\$71,868.50	\$184.00	\$67,160.00
5	4'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	122	\$238.57	\$29,105.54	\$223.13	\$27,221.86	\$210.00	\$25,620.00
6	5'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	132	\$290.50	\$38,346.00	\$272.35	\$35,950.20	\$260.00	\$34,320.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	28	\$1,600.50	\$44,814.00	\$2,419.00	\$67,732.00	\$2,000.00	\$56,000.00
8	TYPE "C" MANHOLE 48" STORM SEWER AND LARGER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	1	\$3,305.50	\$3,305.50	\$3,879.74	\$3,879.74	\$2,900.00	\$2,900.00
9	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$6,545.00	\$26,180.00	\$4,393.36	\$17,573.44	\$3,600.00	\$14,400.00

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10	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$902.00	\$3,608.00	\$1,368.94	\$5,475.76	\$1,650.00	\$6,600.00
11	STAGE I - STANDARD B-B INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$753.50	\$22,605.00	\$1,215.07	\$36,452.10	\$1,000.00	\$30,000.00
12	STAGE II - STANDARD B-B INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,358.50	\$40,755.00	\$1,188.54	\$35,656.20	\$1,000.00	\$30,000.00
13	STAGE I - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$891.00	\$3,564.00	\$1,215.07	\$4,860.28	\$1,500.00	\$6,000.00
14	STAGE II - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,562.00	\$6,248.00	\$1,825.26	\$7,301.04	\$1,000.00	\$4,000.00
15	T.V. INSPECTION FOR PROPOSED STORM SEWER MAINS, ALL SIZES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$4.02	\$4,020.00	\$3.02	\$3,020.00	\$0.01	\$10.00
16	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4138	\$0.10	\$413.80	\$0.27	\$1,117.26	\$1.00	\$4,138.00
17	OUTFALL SLOPE PROTECTION NO. 1 FOR 24" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$1,870.00	\$1,870.00	\$1,008.14	\$1,008.14	\$5,200.00	\$5,200.00
18	OUTFALL SLOPE PROTECTION NO. 1 FOR 36" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$2,035.00	\$2,035.00	\$1,061.20	\$1,061.20	\$8,700.00	\$8,700.00
19	OUTFALL SLOPE PROTECTION NO. 3 FOR 5'X3' BOX CULVERT, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$10,780.00	\$10,780.00	\$1,379.56	\$1,379.56	\$9,700.00	\$9,700.00
20	OVERFLOW SWALE INCLUDES EXCAVATION, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	92	\$6.00	\$552.00	\$6.37	\$586.04	\$26.00	\$2,392.00
21	CONSTRUCT PROPOSED STORM MANHOLE ON EXISTING 36" CGMP AND CONNECT PROPOSED STORM SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$1,765.50	\$1,765.50	\$3,751.33	\$3,751.33	\$1,000.00	\$1,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$548,626.41		\$559,097.65		\$542,032.00
DETENTION ITEMS									
1	DETENTION EXCAVATION, COMPLETE IN PLACE	CY	40745	\$1.35	\$55,005.75	\$1.66	\$67,636.70	\$2.25	\$91,676.25
2	COMPACTED FILL TO BE HAULED, PLACED AND COMPACTED ONSITE PER FILL PLANS TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	CY	40745	\$1.57	\$63,969.65	\$1.12	\$45,634.40	\$0.50	\$20,372.50
3	DEWATERING (GROUND WATER CONTROL) FOR DETENTION POND EXCAVATION, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT CONSTRUCTION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$25.00	\$12,500.00	\$20.00	\$10,000.00
4	5-INCH THICK REINFORCED CONCRETE LINED PILOT SWALE (PER DETAIL SHEET 10), COMPLETE IN PLACE	LF	1112	\$55.00	\$61,160.00	\$57.30	\$63,717.60	\$72.00	\$80,064.00
5	BACKSLOPE SWALE INCLUDES EXCAVATION, EMBANKMENT, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	2068	\$2.15	\$4,446.20	\$2.12	\$4,384.16	\$3.00	\$6,204.00

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6	BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" CMP INTERCEPTOR STRUCTURE AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	9	\$4,510.00	\$40,590.00	\$5,688.55	\$51,196.95	\$5,600.00	\$50,400.00
7	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES ANY PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES AND OUTFALLS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$1,182.50	\$1,182.50	\$3,979.49	\$3,979.49	\$3,600.00	\$3,600.00
8	EXTREME EVENT OVERFLOW CONCRETE LINED SWALE (AS PER DETAIL SHEET 10) (INCLUDES TOE WALL AROUND BOTTOM EDGE OF ENTIRE SWALE), COMPLETE IN PLACE	LF	73	\$825.00	\$60,225.00	\$215.42	\$15,725.66	\$530.00	\$38,690.00
9	FLOATABLES COLLECTION SCREEN FOR 54" STORM SEWER (PER DETAIL SHEETS 39-41), COMPLETE IN PLACE	EA	1	\$5,170.00	\$5,170.00	\$11,248.69	\$11,248.69	\$10,800.00	\$10,800.00
10	54" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	117	\$172.79	\$20,216.43	\$198.98	\$23,280.66	\$206.00	\$24,102.00
11	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5.4	\$1,045.00	\$5,643.00	\$795.90	\$4,297.86	\$300.00	\$1,620.00
12	OUTFALL SLOPE PROTECTION NO. 2 FOR 54" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIP RAP, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$10,560.00	\$10,560.00	\$1,326.50	\$1,326.50	\$7,700.00	\$7,700.00
13	18" RIP-RAP (PER DETAIL SHEET 31), COMPLETE IN PLACE	SY	290	\$50.60	\$14,674.00	\$71.10	\$20,619.00	\$72.00	\$20,880.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$0.10	\$22.90	\$0.27	\$61.83	\$1.00	\$229.00
15	ROCK FILTER DAM (TYPE 4), COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$2,148.92	\$2,148.92	\$1.00	\$1.00
16	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,655.50	\$1,655.50	\$2,998.41	\$2,998.41	\$2,100.00	\$2,100.00
17	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,415.50	\$3,415.50	\$3,784.23	\$3,784.23	\$2,900.00	\$2,900.00
18	EXCAVATION OF MATERIAL WITHIN HARRIS COUNTY FLOOD CONTROL DISTRICT EASEMENT, INCLUDES HAULING EXCAVATED MATERIAL TO DESIGNATED FILL AREAS ONSITE USING OFF ROAD TRUCKS (0-0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPING TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	2303	\$2.48	\$5,711.44	\$5.31	\$12,228.93	\$5.00	\$11,515.00
19	REMOVE AND REPLACE EXISTING BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, COMPLETE IN PLACE	EA	1	\$1,705.00	\$1,705.00	\$1,954.00	\$1,954.00	\$800.00	\$800.00
DETENTION ITEMS SUBTOTAL:					\$365,702.87		\$348,723.99		\$383,653.75
MISCELLANEOUS ITEMS									
1	HYDROMULCH SEEDING (INCLUDES WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,265.00	\$1,265.00	\$1,910.16	\$1,910.16	\$1,100.00	\$1,100.00
2	WET SAND CONSTRUCTION FOR SANITARY SEWER, PER C.O.H. DRAWING NO. 02317-01 AND 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
 AUGUST 25, 2020
 1628-1100 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.		2) BLAZEY CONSTRUCTION SERVICES LLC		3) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	WET SAND CONSTRUCTION FOR STORM SEWER CONSTRUCTION, PER C.O.H. 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	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$20.00	\$7,000.00	\$20.00	\$7,000.00	\$20.00	\$7,000.00
5	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, INCLUDING STRIPPING, STOCKPILE OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4900	\$1.93	\$9,457.00	\$3.17	\$15,533.00	\$1.00	\$4,900.00
6	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE/EXIT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,182.50	\$1,182.50	\$1,591.80	\$1,591.80	\$200.00	\$200.00
7	INSTALLATION, MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCE, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	6015	\$1.76	\$10,586.40	\$1.33	\$7,999.95	\$0.01	\$60.15
8	INLET PROTECTION BARRIER, STAGE II (4 SAND BAGS PER INLET), FOR PROPOSED AND EXISTING INLETS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	38	\$25.00	\$950.00	\$37.14	\$1,411.32	\$1.00	\$38.00
9	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING GENERAL SOURCE CONTROLS AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$950.00	\$950.00	\$875.49	\$875.49	\$1,000.00	\$1,000.00
10	BROADCAST SEEDING (INCLUDES FERTILIZING AND WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$715.00	\$715.00	\$795.90	\$795.90	\$300.00	\$300.00
11	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$27.00	\$2,700.00	\$20.00	\$2,000.00
12	TEMPORARY TRAFFIC CONTROL PLAN (AS NECESSARY TO COMPLETE CONSTRUCTION), COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$100.00	\$100.00
13	ADJUST EXISTING MANHOLE RIM ELEVATION, COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$530.60	\$530.60	\$100.00	\$100.00
14	REPAIR ANY DAMAGE TO EXISTING 6-IN CURB TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$1,500.00	\$1,500.00	\$636.72	\$636.72	\$500.00	\$500.00
15	REPAIR ANY DAMAGE TO EXISTING SIDEWALK TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$6,000.00	\$6,000.00	\$1,220.00	\$1,220.00	\$500.00	\$500.00
16	REMOVE AND REPLACE EXISTING FIRE HYDRANT, COMPLETE IN PLACE	EA	1	\$3,355.00	\$3,355.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$49,260.90		\$46,954.94		\$22,548.15
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER ITEMS					\$242,810.11		\$222,820.71		\$245,166.00
SUBTOTAL SANITARY SEWER ITEMS					\$428,963.99		\$468,882.31		\$496,276.61
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$548,626.41		\$559,097.65		\$542,032.00
SUBTOTAL DETENTION ITEMS					\$365,702.87		\$348,723.99		\$383,653.75
SUBTOTAL MISCELLANEOUS ITEMS					\$49,260.90		\$46,954.94		\$22,548.15
TOTAL AMOUNT BASE BID					\$1,635,364.28		\$1,646,479.60		\$1,689,676.51

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
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 1628-1100 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) NORTHTEX CONSTRUCTION, LLC.		6) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,015.52	\$8,062.08	\$1,700.00	\$6,800.00	\$3,100.00	\$12,400.00
11	STAGE I - STANDARD B-B INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$997.15	\$29,914.50	\$1,340.00	\$40,200.00	\$900.00	\$27,000.00
12	STAGE II - STANDARD B-B INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$848.64	\$25,459.20	\$950.00	\$28,500.00	\$2,200.00	\$66,000.00
13	STAGE I - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,315.39	\$5,261.56	\$1,000.00	\$4,000.00	\$900.00	\$3,600.00
14	STAGE II - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,166.88	\$4,667.52	\$1,300.00	\$5,200.00	\$2,300.00	\$9,200.00
15	T.V. INSPECTION FOR PROPOSED STORM SEWER MAINS, ALL SIZES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$0.01	\$10.00	\$1.75	\$1,750.00	\$3.50	\$3,500.00
16	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4138	\$0.01	\$41.38	\$0.10	\$413.80	\$0.10	\$413.80
17	OUTFALL SLOPE PROTECTION NO. 1 FOR 24" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$2,187.37	\$2,187.37	\$2,100.00	\$2,100.00	\$3,700.00	\$3,700.00
18	OUTFALL SLOPE PROTECTION NO. 1 FOR 36" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$2,323.15	\$2,323.15	\$2,700.00	\$2,700.00	\$4,800.00	\$4,800.00
19	OUTFALL SLOPE PROTECTION NO. 3 FOR 5'X3' BOX CULVERT, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$3,685.22	\$3,685.22	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
20	OVERFLOW SWALE INCLUDES EXCAVATION, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	92	\$4.39	\$403.88	\$3.00	\$276.00	\$10.00	\$920.00
21	CONSTRUCT PROPOSED STORM MANHOLE ON EXISTING 36" CGMP AND CONNECT PROPOSED STORM SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$2,015.52	\$2,015.52	\$3,500.00	\$3,500.00	\$3,100.00	\$3,100.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$561,170.70		\$573,964.80		\$638,612.80
DETENTION ITEMS									
1	DETENTION EXCAVATION, COMPLETE IN PLACE	CY	40745	\$2.16	\$88,009.20	\$1.55	\$63,154.75	\$1.00	\$40,745.00
2	COMPACTED FILL TO BE HAULED, PLACED AND COMPACTED ONSITE PER FILL PLANS TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	CY	40745	\$0.92	\$37,485.40	\$2.00	\$81,490.00	\$2.10	\$85,564.50
3	DEWATERING (GROUND WATER CONTROL) FOR DETENTION POND EXCAVATION, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT CONSTRUCTION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
4	5-INCH THICK REINFORCED CONCRETE LINED PILOT SWALE (PER DETAIL SHEET 10), COMPLETE IN PLACE	LF	1112	\$60.38	\$67,142.56	\$52.00	\$57,824.00	\$55.00	\$61,160.00
5	BACKSLOPE SWALE INCLUDES EXCAVATION, EMBANKMENT, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	2068	\$4.39	\$9,078.52	\$2.35	\$4,859.80	\$1.00	\$2,068.00

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 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
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 1628-1100 (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) CE BARKER, LTD		5) NORTHTEX CONSTRUCTION, LLC.		6) R CONSTRUCTION CIVIL	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" CMP INTERCEPTOR STRUCTURE AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	9	\$6,470.25	\$58,232.25	\$5,750.00	\$51,750.00	\$7,200.00	\$64,800.00
7	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES ANY PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES AND OUTFALLS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$3,564.29	\$3,564.29	\$6,900.00	\$6,900.00	\$5,500.00	\$5,500.00
8	EXTREME EVENT OVERFLOW CONCRETE LINED SWALE (AS PER DETAIL SHEET 10) (INCLUDES TOE WALL AROUND BOTTOM EDGE OF ENTIRE SWALE), COMPLETE IN PLACE	LF	73	\$265.29	\$19,366.17	\$668.00	\$48,764.00	\$700.00	\$51,100.00
9	FLOATABLES COLLECTION SCREEN FOR 54" STORM SEWER (PER DETAIL SHEETS 39-41), COMPLETE IN PLACE	EA	1	\$27,183.91	\$27,183.91	\$16,000.00	\$16,000.00	\$9,700.00	\$9,700.00
10	54" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	117	\$216.28	\$25,304.76	\$256.00	\$29,952.00	\$246.00	\$28,782.00
11	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5.4	\$675.00	\$3,645.00	\$800.00	\$4,320.00	\$600.00	\$3,240.00
12	OUTFALL SLOPE PROTECTION NO. 2 FOR 54" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIP RAP, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$3,850.70	\$3,850.70	\$4,500.00	\$4,500.00	\$5,500.00	\$5,500.00
13	18" RIP-RAP (PER DETAIL SHEET 31), COMPLETE IN PLACE	SY	290	\$76.08	\$22,063.20	\$75.00	\$21,750.00	\$77.00	\$22,330.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$0.01	\$2.29	\$1.00	\$229.00	\$0.10	\$22.90
15	ROCK FILTER DAM (TYPE 4), COMPLETE IN PLACE	EA	1	\$2,567.14	\$2,567.14	\$1,500.00	\$1,500.00	\$10.00	\$10.00
16	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,015.52	\$2,015.52	\$2,300.00	\$2,300.00	\$3,100.00	\$3,100.00
17	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,182.40	\$3,182.40	\$2,800.00	\$2,800.00	\$5,500.00	\$5,500.00
18	EXCAVATION OF MATERIAL WITHIN HARRIS COUNTY FLOOD CONTROL DISTRICT EASEMENT, INCLUDES HAULING EXCAVATED MATERIAL TO DESIGNATED FILL AREAS ONSITE USING OFF ROAD TRUCKS (0-0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPING TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	2303	\$5.07	\$11,676.21	\$2.50	\$5,757.50	\$3.00	\$6,909.00
19	REMOVE AND REPLACE EXISTING BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, COMPLETE IN PLACE	EA	1	\$0.01	\$0.01	\$4,500.00	\$4,500.00	\$8,600.00	\$8,600.00
DETENTION ITEMS SUBTOTAL:					\$394,369.53		\$418,351.05		\$414,631.40
MISCELLANEOUS ITEMS									
1	HYDROMULCH SEEDING (INCLUDES WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,550.00	\$1,550.00	\$1,900.00	\$1,900.00	\$1,300.00	\$1,300.00
2	WET SAND CONSTRUCTION FOR SANITARY SEWER, PER C.O.H. DRAWING NO. 02317-01 AND 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE IMPERIAL HEIGHTS
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 LJA ENGINEERING, INC.
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7) D. L. ELLIOTT ENTERPRISES, INC. 8) CROSTEX CONSTRUCTION INC. 9) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	4025	\$17.00	\$68,425.00	\$15.00	\$60,375.00	\$18.00	\$72,450.00
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	2295	\$23.00	\$52,785.00	\$24.25	\$55,653.75	\$39.00	\$89,505.00
3	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	38	\$39.00	\$1,482.00	\$47.00	\$1,786.00	\$48.00	\$1,824.00
4	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	276	\$15.00	\$4,140.00	\$11.00	\$3,036.00	\$15.00	\$4,140.00
5	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	129	\$17.00	\$2,193.00	\$24.00	\$3,096.00	\$28.00	\$3,612.00
6	4" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	105	\$12.00	\$1,260.00	\$11.00	\$1,155.00	\$14.00	\$1,470.00
7	4" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	70	\$13.00	\$910.00	\$14.00	\$980.00	\$18.00	\$1,260.00
8	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX AND LEAD, COMPLETE IN PLACE	EA	16	\$3,750.00	\$60,000.00	\$3,400.00	\$54,400.00	\$3,700.00	\$59,200.00
9	8"AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	23	\$1,070.00	\$24,610.00	\$920.00	\$21,160.00	\$1,000.00	\$23,000.00
10	2" BLOW-OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00	\$470.00	\$470.00	\$650.00	\$650.00
11	12" X 8" TAPPING SLEEVE, VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$3,470.00	\$6,940.00	\$4,500.00	\$9,000.00	\$6,000.00	\$12,000.00
12	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$60.00	\$60.00	\$150.00	\$150.00	\$170.00	\$170.00
13	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	140	\$66.00	\$9,240.00	\$45.00	\$6,300.00	\$50.00	\$7,000.00
14	AUGER SECTION FOR PROPOSED 8" WATER LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	140	\$73.00	\$10,220.00	\$80.00	\$11,200.00	\$255.00	\$35,700.00
15	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6931	\$1.00	\$6,931.00	\$1.50	\$10,396.50	\$0.10	\$693.10
WATER ITEMS SUBTOTAL:					\$250,446.00		\$239,158.25		\$312,674.10
SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3437	\$21.00	\$72,177.00	\$19.00	\$65,303.00	\$22.00	\$75,614.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2534	\$23.00	\$58,282.00	\$22.00	\$55,748.00	\$23.00	\$58,282.00
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1075	\$28.00	\$30,100.00	\$25.25	\$27,143.75	\$25.00	\$26,875.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	49	\$2,050.00	\$100,450.00	\$2,150.00	\$105,350.00	\$2,100.00	\$102,900.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH) (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	VF	61	\$135.00	\$8,235.00	\$215.00	\$13,115.00	\$150.00	\$9,150.00

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7) D. L. ELLIOTT ENTERPRISES, INC. 8) CROSTEX CONSTRUCTION INC. 9) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2473	\$37.00	\$91,501.00	\$32.50	\$80,372.50	\$35.00	\$86,555.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	79	\$985.00	\$77,815.00	\$675.00	\$53,325.00	\$800.00	\$63,200.00
8	CONSTRUCT PROPOSED SANITARY MANHOLE ON EXISTING 12" SANITARY SEWER AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$3,440.00	\$3,440.00	\$5,000.00	\$5,000.00	\$3,300.00	\$3,300.00
9	T.V. INSPECTION FOR 8-INCH SANITARY SEWER MAINS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4061	\$1.30	\$5,279.30	\$2.50	\$10,152.50	\$2.00	\$8,122.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	9519	\$1.00	\$9,519.00	\$1.50	\$14,278.50	\$0.10	\$951.90
11	14" STEEL CASING FOR 8" SANITARY LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	105	\$65.00	\$6,825.00	\$50.00	\$5,250.00	\$50.00	\$5,250.00
12	AUGER SECTION FOR PROPOSED 8" SANITARY LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	105	\$73.00	\$7,665.00	\$85.00	\$8,925.00	\$285.00	\$29,925.00
13	AUGER SECTION FOR PROPOSED 6" SANITARY LEADS (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	145	\$56.00	\$8,120.00	\$85.00	\$12,325.00	\$170.00	\$24,650.00
SANITARY SEWER ITEMS SUBTOTAL:					\$479,408.30		\$456,288.25		\$494,774.90
DRAINAGE FACILITIES ITEMS									
1	24" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1896	\$62.00	\$117,552.00	\$52.75	\$100,014.00	\$59.00	\$111,864.00
2	30" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	952	\$78.00	\$74,256.00	\$65.75	\$62,594.00	\$73.00	\$69,496.00
3	36" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	670	\$113.00	\$75,710.00	\$89.75	\$60,132.50	\$105.00	\$70,350.00
4	4'X2' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	365	\$213.00	\$77,745.00	\$182.00	\$66,430.00	\$187.00	\$68,255.00
5	4'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	122	\$240.00	\$29,280.00	\$210.00	\$25,620.00	\$215.00	\$26,230.00
6	5'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	132	\$290.00	\$38,280.00	\$262.00	\$34,584.00	\$264.00	\$34,848.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	28	\$2,160.00	\$60,480.00	\$2,100.00	\$58,800.00	\$2,000.00	\$56,000.00
8	TYPE "C" MANHOLE 48" STORM SEWER AND LARGER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$2,900.00	\$2,900.00
9	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$8,900.00	\$35,600.00	\$3,500.00	\$14,000.00	\$4,300.00	\$17,200.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
 AUGUST 25, 2020
 1628-1100 (9.2)

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

7) D. L. ELLIOTT ENTERPRISES, INC. 8) CROSTEX CONSTRUCTION INC. 9) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,100.00	\$8,400.00	\$1,800.00	\$7,200.00	\$2,200.00	\$8,800.00
11	STAGE I - STANDARD B-B INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$1,200.00	\$36,000.00	\$1,800.00	\$54,000.00	\$1,000.00	\$30,000.00
12	STAGE II - STANDARD B-B INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,300.00	\$39,000.00	\$300.00	\$9,000.00	\$1,500.00	\$45,000.00
13	STAGE I - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,340.00	\$5,360.00	\$2,000.00	\$8,000.00	\$1,000.00	\$4,000.00
14	STAGE II - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,065.00	\$8,260.00	\$1,500.00	\$6,000.00	\$1,700.00	\$6,800.00
15	T.V. INSPECTION FOR PROPOSED STORM SEWER MAINS, ALL SIZES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.70	\$1,700.00	\$4.50	\$4,500.00	\$2.00	\$2,000.00
16	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4138	\$1.00	\$4,138.00	\$1.50	\$6,207.00	\$0.10	\$413.80
17	OUTFALL SLOPE PROTECTION NO. 1 FOR 24" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$3,900.00	\$3,900.00	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00
18	OUTFALL SLOPE PROTECTION NO. 1 FOR 36" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$8,500.00	\$8,500.00	\$3,500.00	\$3,500.00
19	OUTFALL SLOPE PROTECTION NO. 3 FOR 5'X3' BOX CULVERT, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$8,400.00	\$8,400.00	\$12,500.00	\$12,500.00	\$4,700.00	\$4,700.00
20	OVERFLOW SWALE INCLUDES EXCAVATION, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	92	\$6.70	\$616.40	\$30.00	\$2,760.00	\$30.00	\$2,760.00
21	CONSTRUCT PROPOSED STORM MANHOLE ON EXISTING 36" CGMP AND CONNECT PROPOSED STORM SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$3,700.00	\$3,700.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$636,377.40		\$555,841.50		\$570,416.80
DETENTION ITEMS									
1	DETENTION EXCAVATION, COMPLETE IN PLACE	CY	40745	\$2.80	\$114,086.00	\$1.40	\$57,043.00	\$2.20	\$89,639.00
2	COMPACTED FILL TO BE HAULED, PLACED AND COMPACTED ONSITE PER FILL PLANS TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	CY	40745	\$1.10	\$44,819.50	\$2.75	\$112,048.75	\$1.25	\$50,931.25
3	DEWATERING (GROUND WATER CONTROL) FOR DETENTION POND EXCAVATION, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT CONSTRUCTION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$40.00	\$20,000.00
4	5-INCH THICK REINFORCED CONCRETE LINED PILOT SWALE (PER DETAIL SHEET 10), COMPLETE IN PLACE	LF	1112	\$56.00	\$62,272.00	\$120.00	\$133,440.00	\$80.00	\$88,960.00
5	BACKSLOPE SWALE INCLUDES EXCAVATION, EMBANKMENT, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	2068	\$3.00	\$6,204.00	\$5.00	\$10,340.00	\$2.65	\$5,480.20

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 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
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7) D. L. ELLIOTT ENTERPRISES, INC. 8) CROSTEX CONSTRUCTION INC. 9) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" CMP INTERCEPTOR STRUCTURE AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	9	\$3,700.00	\$33,300.00	\$7,500.00	\$67,500.00	\$4,600.00	\$41,400.00
7	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES ANY PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES AND OUTFALLS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$5,600.00	\$5,600.00	\$5,000.00	\$5,000.00	\$2,700.00	\$2,700.00
8	EXTREME EVENT OVERFLOW CONCRETE LINED SWALE (AS PER DETAIL SHEET 10) (INCLUDES TOE WALL AROUND BOTTOM EDGE OF ENTIRE SWALE), COMPLETE IN PLACE	LF	73	\$170.00	\$12,410.00	\$225.00	\$16,425.00	\$650.00	\$47,450.00
9	FLOATABLES COLLECTION SCREEN FOR 54" STORM SEWER (PER DETAIL SHEETS 39-41), COMPLETE IN PLACE	EA	1	\$16,400.00	\$16,400.00	\$15,000.00	\$15,000.00	\$12,500.00	\$12,500.00
10	54" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	117	\$260.00	\$30,420.00	\$203.00	\$23,751.00	\$222.00	\$25,974.00
11	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5.4	\$920.00	\$4,968.00	\$1,000.00	\$5,400.00	\$550.00	\$2,970.00
12	OUTFALL SLOPE PROTECTION NO. 2 FOR 54" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIP RAP, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$8,400.00	\$8,400.00	\$18,000.00	\$18,000.00	\$4,000.00	\$4,000.00
13	18" RIP-RAP (PER DETAIL SHEET 31), COMPLETE IN PLACE	SY	290	\$87.00	\$25,230.00	\$85.00	\$24,650.00	\$80.00	\$23,200.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$1.00	\$229.00	\$1.50	\$343.50	\$0.10	\$22.90
15	ROCK FILTER DAM (TYPE 4), COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
16	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
17	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,400.00	\$6,400.00	\$5,000.00	\$5,000.00	\$2,900.00	\$2,900.00
18	EXCAVATION OF MATERIAL WITHIN HARRIS COUNTY FLOOD CONTROL DISTRICT EASEMENT, INCLUDES HAULING EXCAVATED MATERIAL TO DESIGNATED FILL AREAS ONSITE USING OFF ROAD TRUCKS (0-0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPING TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	2303	\$7.00	\$16,121.00	\$4.50	\$10,363.50	\$4.00	\$9,212.00
19	REMOVE AND REPLACE EXISTING BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$5,750.00	\$5,750.00
DETENTION ITEMS SUBTOTAL:					\$404,659.50		\$528,804.75		\$438,089.35
MISCELLANEOUS ITEMS									
1	HYDROMULCH SEEDING (INCLUDES WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,450.00	\$2,450.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
2	WET SAND CONSTRUCTION FOR SANITARY SEWER, PER C.O.H. DRAWING NO. 02317-01 AND 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$5.00	\$1,750.00	\$5.00	\$1,750.00	\$5.00	\$1,750.00

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 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
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7) D. L. ELLIOTT ENTERPRISES, INC. 8) CROSTEX CONSTRUCTION INC. 9) PRINCIPAL SERVICES, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	WET SAND CONSTRUCTION FOR STORM SEWER CONSTRUCTION, PER C.O.H. 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	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$20.00	\$7,000.00	\$30.00	\$10,500.00	\$20.00	\$7,000.00
5	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, INCLUDING STRIPPING, STOCKPILE OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4900	\$2.80	\$13,720.00	\$1.50	\$7,350.00	\$1.25	\$6,125.00
6	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE/EXIT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	INSTALLATION, MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCE, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	6015	\$1.30	\$7,819.50	\$1.45	\$8,721.75	\$1.15	\$6,917.25
8	INLET PROTECTION BARRIER, STAGE II (4 SAND BAGS PER INLET), FOR PROPOSED AND EXISTING INLETS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	38	\$50.00	\$1,900.00	\$80.00	\$3,040.00	\$50.00	\$1,900.00
9	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING GENERAL SOURCE CONTROLS AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$1,400.00	\$1,400.00	\$2,045.50	\$2,045.50	\$500.00	\$500.00
10	BROADCAST SEEDING (INCLUDES FERTILIZING AND WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$920.00	\$920.00	\$750.00	\$750.00	\$650.00	\$650.00
11	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$30.00	\$3,000.00	\$12.00	\$1,200.00
12	TEMPORARY TRAFFIC CONTROL PLAN (AS NECESSARY TO COMPLETE CONSTRUCTION), COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
13	ADJUST EXISTING MANHOLE RIM ELEVATION, COMPLETE IN PLACE	EA	1	\$450.00	\$450.00	\$250.00	\$250.00	\$500.00	\$500.00
14	REPAIR ANY DAMAGE TO EXISTING 6-IN CURB TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$550.00	\$550.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
15	REPAIR ANY DAMAGE TO EXISTING SIDEWALK TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$550.00	\$550.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
16	REMOVE AND REPLACE EXISTING FIRE HYDRANT, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$47,109.50		\$54,907.25		\$46,042.25
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER ITEMS					\$250,446.00		\$239,158.25		\$312,674.10
SUBTOTAL SANITARY SEWER ITEMS					\$479,408.30		\$456,288.25		\$494,774.90
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$636,377.40		\$555,841.50		\$570,416.80
SUBTOTAL DETENTION ITEMS					\$404,659.50		\$528,804.75		\$438,089.35
SUBTOTAL MISCELLANEOUS ITEMS					\$47,109.50		\$54,907.25		\$46,042.25
TOTAL AMOUNT BASE BID					\$1,818,000.70		\$1,835,000.00		\$1,861,997.40

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 TO SERVE IMPERIAL HEIGHTS
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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
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BID OPENING DATE:
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LJA JOB NO.

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS					
1	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	4025	\$20.95	\$84,323.75
2	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	2295	\$31.20	\$71,604.00
3	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, ALL DEPTHS, COMPLETE IN PLACE	LF	38	\$58.35	\$2,217.30
4	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	276	\$19.35	\$5,340.60
5	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	LF	129	\$32.60	\$4,205.40
6	4" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	105	\$20.10	\$2,110.50
7	4" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	70	\$20.85	\$1,459.50
8	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX AND LEAD, COMPLETE IN PLACE	EA	16	\$3,390.00	\$54,240.00
9	8"AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	23	\$1,290.00	\$29,670.00
10	2" BLOW-OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	1	\$795.00	\$795.00
11	12" X 8" TAPPING SLEEVE, VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$3,550.00	\$7,100.00
12	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$365.00	\$365.00
13	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	140	\$7.75	\$1,085.00
14	AUGER SECTION FOR PROPOSED 8" WATER LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	140	\$122.75	\$17,185.00
15	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6931	\$0.01	\$69.31
WATER ITEMS SUBTOTAL:					\$281,770.36
SANITARY SEWER ITEMS					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3437	\$32.30	\$111,015.10
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2534	\$32.30	\$81,848.20
3	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1075	\$32.30	\$34,722.50
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	49	\$2,660.00	\$130,340.00
5	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, (GREATER THAN 8' DEPTH) (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	VF	61	\$1.00	\$61.00

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 TO SERVE IMPERIAL HEIGHTS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
 AUGUST 25, 2020
 1628-1100 (9.2)

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

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2473	\$35.55	\$87,915.15
7	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	79	\$815.00	\$64,385.00
8	CONSTRUCT PROPOSED SANITARY MANHOLE ON EXISTING 12" SANITARY SEWER AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$3,985.00	\$3,985.00
9	T.V. INSPECTION FOR 8-INCH SANITARY SEWER MAINS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4061	\$0.95	\$3,857.95
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	9519	\$0.01	\$95.19
11	14" STEEL CASING FOR 8" SANITARY LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	105	\$6.75	\$708.75
12	AUGER SECTION FOR PROPOSED 8" SANITARY LINE (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	105	\$113.25	\$11,891.25
13	AUGER SECTION FOR PROPOSED 6" SANITARY LEADS (EXCLUDES CARRIER PIPE), COMPLETE IN PLACE	LF	145	\$48.80	\$7,076.00
SANITARY SEWER ITEMS SUBTOTAL:					\$537,901.09
DRAINAGE FACILITIES ITEMS					
1	24" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1896	\$74.85	\$141,915.60
2	30" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	952	\$93.85	\$89,345.20
3	36" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	670	\$123.45	\$82,711.50
4	4'X2' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	365	\$214.25	\$78,201.25
5	4'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	122	\$254.50	\$31,049.00
6	5'X3' REINFORCED CONCRETE BOX CULVERT (ASTM C-1433) INCLUDING STORM SEWER BEDDING AS PER C.O.H. DETAILS, BACKFILL AND CEMENT STABILIZED SAND, COMPLETE IN PLACE	LF	132	\$306.00	\$40,392.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	28	\$2,520.00	\$70,560.00
8	TYPE "C" MANHOLE 48" STORM SEWER AND LARGER, ALL DEPTHS (RIM ELEVATIONS TO BE SET 6" ABOVE FINAL GRADE), COMPLETE IN PLACE	EA	1	\$8,750.00	\$8,750.00
9	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,200.00	\$16,800.00

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 154
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 AUGUST 25, 2020
 LJA ENGINEERING, INC.
 A.OTTO
 AUGUST 25, 2020
 1628-1100 (9.2)

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10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
10	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1.00	\$4.00
11	STAGE I - STANDARD B-B INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	30	\$1,385.00	\$41,550.00
12	STAGE II - STANDARD B-B INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	30	\$1,365.00	\$40,950.00
13	STAGE I - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,415.00	\$5,660.00
14	STAGE II - REINFORCED CONCRETE TYPE "C-1" INLET, (5' OPENING ON ONE SIDE), ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,635.00	\$6,540.00
15	T.V. INSPECTION FOR PROPOSED STORM SEWER MAINS, ALL SIZES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.85	\$1,850.00
16	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4138	\$0.01	\$41.38
17	OUTFALL SLOPE PROTECTION NO. 1 FOR 24" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$1,445.00	\$1,445.00
18	OUTFALL SLOPE PROTECTION NO. 1 FOR 36" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$1,805.00	\$1,805.00
19	OUTFALL SLOPE PROTECTION NO. 3 FOR 5'X3' BOX CULVERT, INCLUDES SLOPE PAVING, TOE WALLS, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$2,550.00	\$2,550.00
20	OVERFLOW SWALE INCLUDES EXCAVATION, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	92	\$3.35	\$308.20
21	CONSTRUCT PROPOSED STORM MANHOLE ON EXISTING 36" CGMP AND CONNECT PROPOSED STORM SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$3,215.00	\$3,215.00

DRAINAGE FACILITIES ITEMS SUBTOTAL:

\$665,643.13

DETENTION ITEMS

1	DETENTION EXCAVATION, COMPLETE IN PLACE	CY	40745	\$2.70	\$110,011.50
2	COMPACTED FILL TO BE HAULED, PLACED AND COMPACTED ONSITE PER FILL PLANS TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	CY	40745	\$1.55	\$63,154.75
3	DEWATERING (GROUND WATER CONTROL) FOR DETENTION POND EXCAVATION, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE PROJECT CONSTRUCTION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$25.00	\$12,500.00
4	5-INCH THICK REINFORCED CONCRETE LINED PILOT SWALE (PER DETAIL SHEET 10), COMPLETE IN PLACE	LF	1112	\$78.50	\$87,292.00
5	BACKSLOPE SWALE INCLUDES EXCAVATION, EMBANKMENT, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, COMPLETE IN PLACE	LF	2068	\$3.90	\$8,065.20

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10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, INCLUDES 24" CMP INTERCEPTOR STRUCTURE AND SLOPE PROTECTION, COMPLETE IN PLACE	EA	9	\$3,335.00	\$30,015.00
7	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES ANY PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES AND OUTFALLS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LS	1	\$6,600.00	\$6,600.00
8	EXTREME EVENT OVERFLOW CONCRETE LINED SWALE (AS PER DETAIL SHEET 10) (INCLUDES TOE WALL AROUND BOTTOM EDGE OF ENTIRE SWALE), COMPLETE IN PLACE	LF	73	\$230.00	\$16,790.00
9	FLOATABLES COLLECTION SCREEN FOR 54" STORM SEWER (PER DETAIL SHEETS 39-41), COMPLETE IN PLACE	EA	1	\$13,600.00	\$13,600.00
10	54" RCP, ASTM C-76, CLASS III STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	117	\$247.50	\$28,957.50
11	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5.4	\$750.00	\$4,050.00
12	OUTFALL SLOPE PROTECTION NO. 2 FOR 54" RCP STORM SEWER, INCLUDES SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIP RAP, AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$2,180.00	\$2,180.00
13	18" RIP-RAP (PER DETAIL SHEET 31), COMPLETE IN PLACE	SY	290	\$96.10	\$27,869.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	229	\$0.01	\$2.29
15	ROCK FILTER DAM (TYPE 4), COMPLETE IN PLACE	EA	1	\$4,175.00	\$4,175.00
16	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,115.00	\$3,115.00
17	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,750.00	\$8,750.00
18	EXCAVATION OF MATERIAL WITHIN HARRIS COUNTY FLOOD CONTROL DISTRICT EASEMENT, INCLUDES HAULING EXCAVATED MATERIAL TO DESIGNATED FILL AREAS ONSITE USING OFF ROAD TRUCKS (0-0.5 MILE), INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPING TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	2303	\$4.25	\$9,787.75
19	REMOVE AND REPLACE EXISTING BACKSLOPE INTERCEPTOR AND OUTFALL STRUCTURE, COMPLETE IN PLACE	EA	1	\$4,955.00	\$4,955.00

DETENTION ITEMS SUBTOTAL: **\$441,869.99**

MISCELLANEOUS ITEMS

1	HYDROMULCH SEEDING (INCLUDES WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,800.00	\$1,800.00
2	WET SAND CONSTRUCTION FOR SANITARY SEWER, PER C.O.H. DRAWING NO. 02317-01 AND 02317-02 (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$5.00	\$1,750.00

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10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	WET SAND CONSTRUCTION FOR STORM SEWER CONSTRUCTION, PER C.O.H. DRAWING NO. 02317-02, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00
4	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$25.00	\$8,750.00
5	UTILITY SPOILS TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 6" LIFTS, INCLUDING STRIPPING, STOCKPILE OF STRIPPINGS AND REAPPLICATION OF STRIPPINGS (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4900	\$0.01	\$49.00
6	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE/EXIT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00
7	INSTALLATION, MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCE, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	6015	\$2.05	\$12,330.75
8	INLET PROTECTION BARRIER, STAGE II (4 SAND BAGS PER INLET), FOR PROPOSED AND EXISTING INLETS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	38	\$50.00	\$1,900.00
9	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING GENERAL SOURCE CONTROLS AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00
10	BROADCAST SEEDING (INCLUDES FERTILIZING AND WATERING) AND FINE GRADING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$750.00	\$750.00
11	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$1.00	\$100.00
12	TEMPORARY TRAFFIC CONTROL PLAN (AS NECESSARY TO COMPLETE CONSTRUCTION), COMPLETE IN PLACE	LS	1	\$1,675.00	\$1,675.00
13	ADJUST EXISTING MANHOLE RIM ELEVATION, COMPLETE IN PLACE	EA	1	\$205.00	\$205.00
14	REPAIR ANY DAMAGE TO EXISTING 6-IN CURB TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$795.00	\$795.00
15	REPAIR ANY DAMAGE TO EXISTING SIDEWALK TO EXISTING CONDITIONS ALONG IMPERIAL RIDGE LANE AS NECESSARY FOR 8-INCH SANITARY CONNECTION	LS	1	\$750.00	\$750.00
16	REMOVE AND REPLACE EXISTING FIRE HYDRANT, COMPLETE IN PLACE	EA	1	\$3,920.00	\$3,920.00

MISCELLANEOUS ITEMS SUBTOTAL: \$40,274.75

BIDDING SUMMARY

SUBTOTAL WATER ITEMS	\$281,770.36
SUBTOTAL SANITARY SEWER ITEMS	\$537,901.09
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$665,643.13
SUBTOTAL DETENTION ITEMS	\$441,869.99
SUBTOTAL MISCELLANEOUS ITEMS	\$40,274.75
TOTAL AMOUNT BASE BID	\$1,967,459.32