

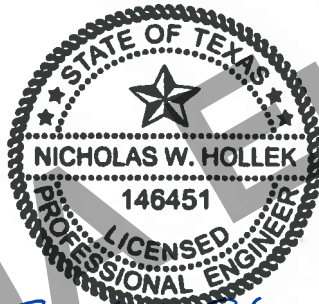
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
TO SERVE PECAN ESTATES SECTION 4
CROSBY MUNICIPAL UTILITY DISTRICT
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
OCTOBER 10, 2024
LJA ENGINEERING, INC.
AVIGAIL AMIGLEO
OCTOBER 10, 2024
2435-0410 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) KENNETH LAMB CONSTRUCTION CO.,LTD.	\$2,424,693.00
2) TEXASITE, LLC	\$2,488,266.00
3) DIMAS BROS. CONSTRUCTION	\$2,563,000.00
4) CROSTEX CONSTRUCTION INC.	\$2,565,000.00
5) R CONSTRUCTION CIVIL, LLC	\$2,570,544.70
6) BLAZEY CONSTRUCTION SERVICES LLC	\$2,629,574.30
7) TMW LAND SERVICES	\$2,744,952.00
8) FELLERS AND CLARK LP	\$2,766,000.00
9) NORTHTEX CONSTRUCTION, LLC	\$2,787,356.70
10) ICON GC LLC	\$2,821,782.27

CALENDAR DAYS 50/60



Nicholas Hollek
10/10/2024

I, Nicholas Hollek, PE, hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) KENNETH LAMB CONSTRUCTION CO.,LTD.		2) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
RED SUMMIT WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	129	\$38.00	\$4,902.00	\$37.00	\$4,773.00
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLTE IN PLACE	LF	809	\$64.00	\$51,776.00	\$58.00	\$46,922.00
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$130.00	\$5,850.00	\$76.00	\$3,420.00
4	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$130.00	\$12,480.00	\$134.00	\$12,864.00
5	STEEL CASING FOR 8" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	105	\$94.00	\$9,870.00	\$59.00	\$6,195.00
6	STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$119.00	\$10,948.00	\$74.00	\$6,808.00
7	12" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,325.00	\$9,975.00	\$3,400.00	\$10,200.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$5,975.00	\$11,950.00	\$5,300.00	\$10,600.00
9	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	1	\$1,239.00	\$1,239.00	\$1,500.00	\$1,500.00
10	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTORS AND CONNECTORS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$890.00	\$890.00	\$1,350.00	\$1,350.00
11	DEWATERING FOR WATER LINE, ALL SIZES, ALL DEPTHS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	270	\$30.00	\$8,100.00	\$30.00	\$8,100.00
12	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1079	\$4.00	\$4,316.00	\$1.00	\$1,079.00
RED SUMMIT WATER ITEMS SUBTOTAL:					\$132,296.00		\$113,811.00
RED SUMMIT SANITARY ITEMS							
1	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	158	\$49.00	\$7,742.00	\$45.00	\$7,110.00
2	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	476	\$56.00	\$26,656.00	\$48.00	\$22,848.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	2	\$2,976.00	\$5,952.00	\$2,700.00	\$5,400.00
4	SANITARY SEWER MANHOLE, SEALED AND VENTED, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$5,811.00	\$5,811.00	\$5,400.00	\$5,400.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	24	\$220.00	\$5,280.00	\$175.00	\$4,200.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,801.00	\$1,801.00	\$1,400.00	\$1,400.00

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ITEM	DESCRIPTION	UNIT	QTY	1) KENNETH LAMB CONSTRUCTION CO.,LTD.		2) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$100.00	\$100.00
8	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$30.00	\$4,770.00	\$30.00	\$4,770.00
9	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$20.00	\$3,180.00	\$20.00	\$3,180.00
10	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	634	\$4.00	\$2,536.00	\$1.00	\$634.00
RED SUMMIT SANITARY ITEMS SUBTOTAL:					\$63,738.00	\$55,042.00	
RED SUMMIT STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	531	\$77.00	\$40,887.00	\$73.00	\$38,763.00
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$179.00	\$24,523.00	\$174.00	\$23,838.00
3	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	282	\$705.00	\$198,810.00	\$720.00	\$203,040.00
4	REMOVE AND OFFSITE DISPOSAL OF EXISTING 5' X 5' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	354	\$30.00	\$10,620.00	\$53.00	\$18,762.00
5	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,371.00	\$4,371.00	\$3,250.00	\$3,250.00
6	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,550.00	\$9,100.00	\$4,700.00	\$9,400.00
7	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$17,621.00	\$52,863.00	\$16,000.00	\$48,000.00
8	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	6	\$1,451.00	\$8,706.00	\$1,700.00	\$10,200.00
9	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,451.00	\$14,706.00	\$1,700.00	\$10,200.00
10	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,711.00	\$5,422.00	\$3,600.00	\$7,200.00
11	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$30.00	\$7,140.00	\$30.00	\$7,140.00
12	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$20.00	\$4,760.00	\$20.00	\$4,760.00
13	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
14	EXISTING RIP RAP TO BE REMOVED AND RELOCATED, COMPLETE IN PLACE	SY	164	\$15.00	\$2,460.00	\$30.00	\$4,920.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	EXISTING SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	504	\$7.00	\$3,528.00	\$13.00	\$6,552.00
16	EXISTING STORM E-INLET TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00
17	EXISTING 24" RCP STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	62	\$15.00	\$930.00	\$32.00	\$1,984.00
18	EXISTING 5'X5' BC STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	89	\$30.00	\$2,670.00	\$53.00	\$4,717.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	343	\$10.00	\$3,430.00	\$6.00	\$2,058.00
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED REINFORCED CONCRETE BOX CULVERT, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$4.00	\$3,800.00	\$1.00	\$950.00
RED SUMMIT STORM ITEMS SUBTOTAL:					\$402,226.00		\$410,234.00
SECTION 4 WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2034	\$39.00	\$79,326.00	\$33.00	\$67,122.00
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	657	\$52.00	\$34,164.00	\$42.00	\$27,594.00
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	48	\$66.00	\$3,168.00	\$63.00	\$3,024.00
4	8" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,644.00	\$13,152.00	\$1,825.00	\$14,600.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$5,852.00	\$35,112.00	\$5,210.00	\$31,260.00
6	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	3	\$1,076.00	\$3,228.00	\$1,400.00	\$4,200.00
7	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2739	\$4.00	\$10,956.00	\$1.00	\$2,739.00
SECTION 4 WATER ITEMS SUBTOTAL:					\$179,106.00		\$150,539.00
SECTION 4 SANITARY ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1305	\$34.00	\$44,370.00	\$44.00	\$57,420.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	818	\$37.00	\$30,266.00	\$46.00	\$37,628.00
3	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	197	\$65.00	\$12,805.00	\$65.00	\$12,805.00

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ITEM	DESCRIPTION	UNIT	QTY	1) KENNETH LAMB CONSTRUCTION CO.,LTD.		2) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	1644	\$45.00	\$73,980.00	\$48.00	\$78,912.00
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND NECESSARY FITTINGS, COMPLETE IN PLACE	EA	18	\$1,264.00	\$22,752.00	\$1,450.00	\$26,100.00
6	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	12	\$2,926.00	\$35,112.00	\$2,700.00	\$32,400.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	22	\$220.00	\$4,840.00	\$225.00	\$4,950.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS. ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	2	\$10.00	\$20.00	\$1,300.00	\$2,600.00
9	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$30.00	\$29,730.00	\$30.00	\$29,730.00
10	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$20.00	\$19,820.00	\$20.00	\$19,820.00
11	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3964	\$4.00	\$15,856.00	\$1.00	\$3,964.00
SECTION 4 SANITARY ITEMS SUBTOTAL:					\$289,551.00	\$306,329.00	
SECTION 4 STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1190	\$74.00	\$88,060.00	\$74.00	\$88,060.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	408	\$96.00	\$39,168.00	\$98.00	\$39,984.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	16	\$130.00	\$2,080.00	\$134.00	\$2,144.00
4	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1116	\$673.00	\$751,068.00	\$698.00	\$778,968.00
5	8' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	201	\$754.00	\$151,554.00	\$759.00	\$152,559.00
6	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$3,643.00	\$36,430.00	\$3,250.00	\$32,500.00
7	8' X 5' RCB STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND (59 SY), AND ALL OTHER APPURTENANCES, INCLUDES REDRESSING SIDE SLOPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$13,701.00	\$13,701.00	\$12,500.00	\$12,500.00
8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$6,501.00	\$65,010.00	\$17,000.00	\$170,000.00
9	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,451.00	\$23,216.00	\$1,700.00	\$27,200.00

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10	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,451.00	\$39,216.00	\$1,700.00	\$27,200.00
11	STAGE I - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$1,451.00	\$2,902.00	\$1,700.00	\$3,400.00
12	STAGE II - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,636.00	\$7,272.00	\$3,600.00	\$7,200.00
13	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,711.00	\$2,711.00	\$3,600.00	\$3,600.00
14	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$30.00	\$22,620.00
15	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$20.00	\$15,080.00	\$20.00	\$15,080.00
16	CONSTRUCTION AND REMOVAL OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00
17	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
18	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	141	\$20.00	\$2,820.00	\$6.00	\$846.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	993	\$10.00	\$9,930.00	\$5.00	\$4,965.00
20	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	74	\$110.00	\$8,140.00	\$120.00	\$8,880.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2931	\$4.00	\$11,724.00	\$1.00	\$2,931.00
22	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
SECTION 4 STORM ITEMS SUBTOTAL:					\$1,297,202.00		\$1,404,637.00
WS&D MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
2	EXCESS UTILITY SPOIL MATERIAL TO BE DISPOSED OF ON ADJACENT LOTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8512	\$2.00	\$17,024.00	\$2.00	\$17,024.00
3	FURNISH AND INSTALL SANITARY SEWER BEDDING AND BACKFILL FOR WET SAND CONDITIONS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
4	REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00

BID TABULATION FOR:

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TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) KENNETH LAMB CONSTRUCTION CO.,LTD.		2) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00
6	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$50.00	\$50.00
7	EXTRA 12" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA 8" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
10	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
11	BURLAP BAG BARRIER ON INLET, (TO BE USE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	10	\$10.00	\$100.00	\$10.00	\$100.00
12	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$150.00	\$1,800.00	\$150.00	\$1,800.00
13	LIGHT CLEARING AND GRUBBING OF BRUSH AND GRASS AREAS, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
14	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, COMPLETE IN PLACE	AC	0.5	\$5,000.00	\$2,500.00	\$5,000.00	\$2,500.00
15	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	2	\$5,000.00	\$10,000.00	\$500.00	\$1,000.00
16	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00
17	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$200.00	\$200.00
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$60,574.00	\$47,674.00	
<u>BIDDING SUMMARY</u>							
SUBTOTAL RED SUMMIT WATER ITEMS					\$132,296.00	\$113,811.00	
SUBTOTAL RED SUMMIT SANITARY ITEMS					\$63,738.00	\$55,042.00	
SUBTOTAL RED SUMMIT STORM ITEMS					\$402,226.00	\$410,234.00	
SUBTOTAL SECTION 4 WATER ITEMS					\$179,106.00	\$150,539.00	
SUBTOTAL SECTION 4 SANITARY ITEMS					\$289,551.00	\$306,329.00	
SUBTOTAL SECTION 4 STORM ITEMS					\$1,297,202.00	\$1,404,637.00	
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$60,574.00	\$47,674.00	
TOTAL AMOUNT BASE BID					\$2,424,693.00	\$2,488,266.00	

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CONSTRUCTION OF THE WATER, SANITARY SE
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEX
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
RED SUMMIT WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	129	\$38.00	\$4,902.00	\$37.00	\$4,773.00
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLTE IN PLACE	LF	809	\$68.00	\$55,012.00	\$65.25	\$52,787.25
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$135.00	\$6,075.00	\$138.00	\$6,210.00
4	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$130.00	\$12,480.00	\$100.00	\$9,600.00
5	STEEL CASING FOR 8" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	105	\$79.00	\$8,295.00	\$85.00	\$8,925.00
6	STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$91.00	\$8,372.00	\$115.00	\$10,580.00
7	12" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,984.00	\$8,952.00	\$3,185.00	\$9,555.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$5,454.00	\$10,908.00	\$5,700.00	\$11,400.00
9	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	1	\$984.00	\$984.00	\$500.00	\$500.00
10	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTORS AND CONNECTORS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$584.00	\$584.00	\$750.00	\$750.00
11	DEWATERING FOR WATER LINE, ALL SIZES, ALL DEPTHS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	270	\$30.00	\$8,100.00	\$30.00	\$8,100.00
12	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1079	\$1.00	\$1,079.00	\$1.05	\$1,132.95
RED SUMMIT WATER ITEMS SUBTOTAL:					\$125,743.00		\$124,313.20
RED SUMMIT SANITARY ITEMS							
1	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	158	\$61.15	\$9,661.70	\$58.00	\$9,164.00
2	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	476	\$61.15	\$29,107.40	\$65.00	\$30,940.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	2	\$2,284.00	\$4,568.00	\$2,925.00	\$5,850.00
4	SANITARY SEWER MANHOLE, SEALED AND VENTED, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$4,200.00	\$4,200.00	\$6,200.00	\$6,200.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	24	\$140.00	\$3,360.00	\$293.00	\$7,032.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$100.00	\$100.00
8	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$30.00	\$4,770.00	\$30.00	\$4,770.00
9	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$20.00	\$3,180.00	\$20.00	\$3,180.00
10	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	634	\$1.00	\$634.00	\$1.10	\$697.40
RED SUMMIT SANITARY ITEMS SUBTOTAL:					\$61,081.10	\$69,733.40	
RED SUMMIT STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	531	\$88.00	\$46,728.00	\$77.00	\$40,887.00
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$219.00	\$30,003.00	\$175.00	\$23,975.00
3	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	282	\$684.00	\$192,888.00	\$707.00	\$199,374.00
4	REMOVE AND OFFSITE DISPOSAL OF EXISTING 5' X 5' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	354	\$25.00	\$8,850.00	\$60.00	\$21,240.00
5	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,384.00	\$2,384.00	\$3,525.00	\$3,525.00
6	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,284.00	\$6,568.00	\$6,250.00	\$12,500.00
7	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$20,511.00	\$61,533.00	\$18,000.00	\$54,000.00
8	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	6	\$1,118.00	\$6,708.00	\$3,000.00	\$18,000.00
9	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,084.00	\$12,504.00	\$400.00	\$2,400.00
10	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,084.00	\$4,168.00	\$4,800.00	\$9,600.00
11	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$30.00	\$7,140.00	\$30.00	\$7,140.00
12	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$20.00	\$4,760.00	\$20.00	\$4,760.00
13	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
14	EXISTING RIP RAP TO BE REMOVED AND RELOCATED, COMPLETE IN PLACE	SY	164	\$10.00	\$1,640.00	\$50.00	\$8,200.00

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CONSTRUCTION OF THE WATER, SANITARY SE
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEX
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	EXISTING SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	504	\$11.00	\$5,544.00	\$10.00	\$5,040.00
16	EXISTING STORM E-INLET TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$750.00	\$750.00
17	EXISTING 24" RCP STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	62	\$10.00	\$620.00	\$25.00	\$1,550.00
18	EXISTING 5'X5' BC STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	89	\$25.00	\$2,225.00	\$40.00	\$3,560.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	343	\$8.00	\$2,744.00	\$10.00	\$3,430.00
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED REINFORCED CONCRETE BOX CULVERT, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,000.00	\$1,000.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$1.00	\$950.00	\$1.05	\$997.50
RED SUMMIT STORM ITEMS SUBTOTAL:					\$401,757.00		\$424,428.50
SECTION 4 WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2034	\$40.00	\$81,360.00	\$33.50	\$68,139.00
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	657	\$53.00	\$34,821.00	\$41.00	\$26,937.00
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	48	\$59.00	\$2,832.00	\$49.00	\$2,352.00
4	8" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,384.00	\$11,072.00	\$1,700.00	\$13,600.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$5,400.00	\$32,400.00	\$5,750.00	\$34,500.00
6	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	3	\$825.00	\$2,475.00	\$450.00	\$1,350.00
7	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2739	\$1.00	\$2,739.00	\$1.05	\$2,875.95
SECTION 4 WATER ITEMS SUBTOTAL:					\$167,699.00		\$149,753.95
SECTION 4 SANITARY ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1305	\$48.95	\$63,879.75	\$38.00	\$49,590.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	818	\$54.20	\$44,335.60	\$42.00	\$34,356.00
3	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	197	\$57.65	\$11,357.05	\$58.00	\$11,426.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEX
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	1644	\$63.25	\$103,983.00	\$46.00	\$75,624.00
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND NECESSARY FITTINGS, COMPLETE IN PLACE	EA	18	\$1,284.00	\$23,112.00	\$1,470.00	\$26,460.00
6	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	12	\$3,084.00	\$37,008.00	\$2,925.00	\$35,100.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	22	\$140.00	\$3,080.00	\$293.00	\$6,446.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$100.00	\$200.00
9	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$30.00	\$29,730.00	\$30.00	\$29,730.00
10	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$20.00	\$19,820.00	\$20.00	\$19,820.00
11	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3964	\$1.00	\$3,964.00	\$1.10	\$4,360.40
SECTION 4 SANITARY ITEMS SUBTOTAL:					\$340,469.40	\$293,112.40	
SECTION 4 STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1190	\$93.75	\$111,562.50	\$77.00	\$91,630.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	408	\$119.00	\$48,552.00	\$97.00	\$39,576.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	16	\$148.00	\$2,368.00	\$133.00	\$2,128.00
4	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1116	\$675.00	\$753,300.00	\$707.00	\$789,012.00
5	8' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	201	\$730.00	\$146,730.00	\$780.00	\$156,780.00
6	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$3,000.00	\$30,000.00	\$3,525.00	\$35,250.00
7	8' X 5' RCJ STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND (59 SY), AND ALL OTHER APPURTENANCES, INCLUDES REDRESSING SIDE SLOPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00	\$25,000.00	\$25,000.00
8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$17,784.00	\$177,840.00	\$18,000.00	\$180,000.00
9	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,125.00	\$18,000.00	\$3,000.00	\$48,000.00

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEI
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEX
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,084.00	\$33,344.00	\$400.00	\$6,400.00
11	STAGE I - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$1,684.00	\$3,368.00	\$3,000.00	\$6,000.00
12	STAGE II - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,400.00	\$4,800.00	\$1,750.00	\$3,500.00
13	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,584.00	\$2,584.00	\$4,600.00	\$4,600.00
14	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$30.00	\$22,620.00
15	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$20.00	\$15,080.00	\$20.00	\$15,080.00
16	CONSTRUCTION AND REMOVAL OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
17	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
18	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	141	\$10.00	\$1,410.00	\$10.00	\$1,410.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	993	\$4.00	\$3,972.00	\$9.00	\$8,937.00
20	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	74	\$60.00	\$4,440.00	\$110.00	\$8,140.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2931	\$1.00	\$2,931.00	\$1.05	\$3,077.55
22	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$184.00	\$368.00	\$250.00	\$500.00
SECTION 4 STORM ITEMS SUBTOTAL:					\$1,400,769.50		\$1,454,140.55
WS&D MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
2	EXCESS UTILITY SPOIL MATERIAL TO BE DISPOSED OF ON ADJACENT LOTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8512	\$3.00	\$25,536.00	\$1.50	\$12,768.00
3	FURNISH AND INSTALL SANITARY SEWER BEDDING AND BACKFILL FOR WET SAND CONDITIONS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
4	REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00

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 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEX
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
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 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	3) DIMAS BROS. CONSTRUCTION		4) CROSTEX CONSTRUCTION INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00
6	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
7	EXTRA 12" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA 8" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
10	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$2,000.00	\$4,000.00	\$500.00	\$1,000.00
11	BURLAP BAG BARRIER ON INLET, (TO BE USE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	10	\$10.00	\$100.00	\$10.00	\$100.00
12	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$150.00	\$1,800.00	\$150.00	\$1,800.00
13	LIGHT CLEARING AND GRUBBING OF BRUSH AND GRASS AREAS, COMPLETE IN PLACE	AC	1	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
14	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, COMPLETE IN PLACE	AC	0.5	\$12,000.00	\$6,000.00	\$5,000.00	\$2,500.00
15	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	2	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
16	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$2,550.00	\$2,550.00
17	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$545.00	\$545.00	\$1,800.00	\$1,800.00
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$65,481.00		\$49,518.00
<u>BIDDING SUMMARY</u>							
SUBTOTAL RED SUMMIT WATER ITEMS					\$125,743.00		\$124,313.20
SUBTOTAL RED SUMMIT SANITARY ITEMS					\$61,081.10		\$69,733.40
SUBTOTAL RED SUMMIT STORM ITEMS					\$401,757.00		\$424,428.50
SUBTOTAL SECTION 4 WATER ITEMS					\$167,699.00		\$149,753.95
SUBTOTAL SECTION 4 SANITARY ITEMS					\$340,469.40		\$293,112.40
SUBTOTAL SECTION 4 STORM ITEMS					\$1,400,769.50		\$1,454,140.55
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$65,481.00		\$49,518.00
TOTAL AMOUNT BASE BID					\$2,563,000.00		\$2,565,000.00

BID TABULATION FOR:

WER, AND DRAINAGE FACILITIES

AS

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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
RED SUMMIT WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	129	\$40.00	\$5,160.00	\$41.00	\$5,289.00
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLTE IN PLACE	LF	809	\$60.00	\$48,540.00	\$67.00	\$54,203.00
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$85.00	\$3,825.00	\$85.00	\$3,825.00
4	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$150.00	\$14,400.00	\$147.00	\$14,112.00
5	STEEL CASING FOR 8" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	105	\$70.00	\$7,350.00	\$197.00	\$20,685.00
6	STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$85.00	\$7,820.00	\$199.00	\$18,308.00
7	12" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,750.00	\$11,250.00	\$3,601.00	\$10,803.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$5,958.00	\$11,916.00
9	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,637.00	\$1,637.00
10	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTORS AND CONNECTORS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,292.00	\$1,292.00
11	DEWATERING FOR WATER LINE, ALL SIZES, ALL DEPTHS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	270	\$30.00	\$8,100.00	\$30.00	\$8,100.00
12	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1079	\$0.10	\$107.90	\$0.30	\$323.70
RED SUMMIT WATER ITEMS SUBTOTAL:					\$120,552.90		\$150,493.70
RED SUMMIT SANITARY ITEMS							
1	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	158	\$55.00	\$8,690.00	\$59.00	\$9,322.00
2	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	476	\$61.00	\$29,036.00	\$79.00	\$37,604.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	2	\$2,600.00	\$5,200.00	\$3,580.00	\$7,160.00
4	SANITARY SEWER MANHOLE, SEALED AND VENTED, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$6,097.00	\$6,097.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	24	\$200.00	\$4,800.00	\$190.00	\$4,560.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$2,898.00	\$2,898.00

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ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$1,740.00	\$1,740.00
8	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$30.00	\$4,770.00	\$30.00	\$4,770.00
9	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$20.00	\$3,180.00	\$20.00	\$3,180.00
10	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	634	\$0.10	\$63.40	\$0.30	\$190.20
RED SUMMIT SANITARY ITEMS SUBTOTAL:					\$62,489.40	\$77,521.20	
RED SUMMIT STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	531	\$85.00	\$45,135.00	\$79.00	\$41,949.00
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$220.00	\$30,140.00	\$181.00	\$24,797.00
3	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	282	\$650.00	\$183,300.00	\$711.00	\$200,502.00
4	REMOVE AND OFFSITE DISPOSAL OF EXISTING 5' X 5' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	354	\$45.00	\$15,930.00	\$54.00	\$19,116.00
5	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,100.00	\$4,100.00	\$3,798.00	\$3,798.00
6	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$6,543.00	\$13,086.00
7	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$13,500.00	\$40,500.00	\$14,558.00	\$43,674.00
8	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	6	\$1,450.00	\$8,700.00	\$1,413.00	\$8,478.00
9	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,900.00	\$17,400.00	\$2,065.00	\$12,390.00
10	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,300.00	\$10,600.00	\$6,796.00	\$13,592.00
11	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$30.00	\$7,140.00	\$30.00	\$7,140.00
12	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$20.00	\$4,760.00	\$20.00	\$4,760.00
13	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$30.00	\$3,000.00
14	EXISTING RIP RAP TO BE REMOVED AND RELOCATED, COMPLETE IN PLACE	SY	164	\$45.00	\$7,380.00	\$31.00	\$5,084.00

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ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	EXISTING SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	504	\$5.50	\$2,772.00	\$2.80	\$1,411.20
16	EXISTING STORM E-INLET TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$753.00	\$753.00
17	EXISTING 24" RCP STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	62	\$600.00	\$37,200.00	\$21.00	\$1,302.00
18	EXISTING 5'X5' BC STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	89	\$50.00	\$4,450.00	\$65.00	\$5,785.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	343	\$11.00	\$3,773.00	\$2.80	\$960.40
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED REINFORCED CONCRETE BOX CULVERT, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$642.00	\$642.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$0.10	\$95.00	\$0.30	\$285.00
RED SUMMIT STORM ITEMS SUBTOTAL:					\$439,075.00		\$412,504.60
SECTION 4 WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2034	\$35.00	\$71,190.00	\$37.00	\$75,258.00
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	657	\$50.00	\$32,850.00	\$46.00	\$30,222.00
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	48	\$75.00	\$3,600.00	\$69.00	\$3,312.00
4	8" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,100.00	\$16,800.00	\$1,911.00	\$15,288.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$5,900.00	\$35,400.00	\$5,893.00	\$35,358.00
6	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	3	\$1,400.00	\$4,200.00	\$1,686.00	\$5,058.00
7	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2739	\$0.10	\$273.90	\$0.30	\$821.70
SECTION 4 WATER ITEMS SUBTOTAL:					\$164,313.90		\$165,317.70
SECTION 4 SANITARY ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1305	\$40.00	\$52,200.00	\$41.00	\$53,505.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	818	\$45.00	\$36,810.00	\$50.00	\$40,900.00
3	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	197	\$60.00	\$11,820.00	\$59.00	\$11,623.00

BID TABULATION FOR:

WER, AND DRAINAGE FACILITIES

AS

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	1644	\$48.00	\$78,912.00	\$59.00	\$96,996.00
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND NECESSARY FITTINGS, COMPLETE IN PLACE	EA	18	\$1,700.00	\$30,600.00	\$1,837.00	\$33,066.00
6	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	12	\$2,500.00	\$30,000.00	\$3,510.00	\$42,120.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	22	\$200.00	\$4,400.00	\$190.00	\$4,180.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS. ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$1,545.00	\$3,090.00
9	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$30.00	\$29,730.00	\$30.00	\$29,730.00
10	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$20.00	\$19,820.00	\$20.00	\$19,820.00
11	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3964	\$0.10	\$396.40	\$0.30	\$1,189.20
SECTION 4 SANITARY ITEMS SUBTOTAL:					\$297,688.40		\$336,219.20
SECTION 4 STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1190	\$83.00	\$98,770.00	\$79.00	\$94,010.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	408	\$108.00	\$44,064.00	\$99.00	\$40,392.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	16	\$150.00	\$2,400.00	\$134.00	\$2,144.00
4	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1116	\$650.00	\$725,400.00	\$711.00	\$793,476.00
5	8' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	201	\$715.00	\$143,715.00	\$768.00	\$154,368.00
6	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$4,100.00	\$41,000.00	\$3,798.00	\$37,980.00
7	8' X 5' RCB STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND (59 SY), AND ALL OTHER APPURTENANCES, INCLUDES REDRESSING SIDE SLOPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$8,292.00	\$8,292.00
8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$12,900.00	\$129,000.00	\$14,828.00	\$148,280.00
9	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,450.00	\$23,200.00	\$1,413.00	\$22,608.00

BID TABULATION FOR:

WER, AND DRAINAGE FACILITIES

AS

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

ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,900.00	\$46,400.00	\$2,065.00	\$33,040.00
11	STAGE I - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$2,900.00	\$5,800.00	\$1,273.00	\$2,546.00
12	STAGE II - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,800.00	\$5,600.00	\$2,734.00	\$5,468.00
13	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,400.00	\$5,400.00	\$6,796.00	\$6,796.00
14	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$30.00	\$22,620.00
15	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$20.00	\$15,080.00
16	CONSTRUCTION AND REMOVAL OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$7,254.00	\$7,254.00
17	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$30.00	\$3,000.00
18	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	141	\$15.00	\$2,115.00	\$4.00	\$564.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	993	\$12.00	\$11,916.00	\$4.00	\$3,972.00
20	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	74	\$130.00	\$9,620.00	\$121.00	\$8,954.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2931	\$0.10	\$293.10	\$0.30	\$879.30
22	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$650.00	\$1,300.00	\$190.00	\$380.00
SECTION 4 STORM ITEMS SUBTOTAL:					\$1,360,733.10		\$1,412,103.30
WS&D MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$45.00	\$45,000.00	\$30.00	\$30,000.00
2	EXCESS UTILITY SPOIL MATERIAL TO BE DISPOSED OF ON ADJACENT LOTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8512	\$3.50	\$29,792.00	\$1.80	\$15,321.60
3	FURNISH AND INSTALL SANITARY SEWER BEDDING AND BACKFILL FOR WET SAND CONDITIONS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
4	REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$2.40	\$2,400.00	\$2.15	\$2,150.00

BID TABULATION FOR:

WER, AND DRAINAGE FACILITIES

AS

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

ITEM	DESCRIPTION	UNIT	QTY	5) R CONSTRUCTION CIVIL, LLC		6) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$2.40	\$2,400.00	\$1.90	\$1,900.00
6	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$586.00	\$586.00
7	EXTRA 12" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
8	EXTRA 8" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
9	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$650.00	\$1,300.00	\$800.00	\$1,600.00
10	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00
11	BURLAP BAG BARRIER ON INLET, (TO BE USE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	10	\$55.00	\$550.00	\$55.00	\$550.00
12	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$250.00	\$3,000.00	\$150.00	\$1,800.00
13	LIGHT CLEARING AND GRUBBING OF BRUSH AND GRASS AREAS, COMPLETE IN PLACE	AC	1	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00
14	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, COMPLETE IN PLACE	AC	0.5	\$5,500.00	\$2,750.00	\$10,000.00	\$5,000.00
15	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	2	\$10,000.00	\$20,000.00	\$2,232.00	\$4,464.00
16	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$1,534.00	\$1,534.00
17	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,009.00	\$2,009.00
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$125,692.00	\$75,414.60	
<u>BIDDING SUMMARY</u>							
SUBTOTAL RED SUMMIT WATER ITEMS					\$120,552.90	\$150,493.70	
SUBTOTAL RED SUMMIT SANITARY ITEMS					\$62,489.40	\$77,521.20	
SUBTOTAL RED SUMMIT STORM ITEMS					\$439,075.00	\$412,504.60	
SUBTOTAL SECTION 4 WATER ITEMS					\$164,313.90	\$165,317.70	
SUBTOTAL SECTION 4 SANITARY ITEMS					\$297,688.40	\$336,219.20	
SUBTOTAL SECTION 4 STORM ITEMS					\$1,360,733.10	\$1,412,103.30	
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$125,692.00	\$75,414.60	
TOTAL AMOUNT BASE BID					\$2,570,544.70	\$2,629,574.30	

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
RED SUMMIT WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	129	\$37.00	\$4,773.00	\$41.40	\$5,340.60
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLTE IN PLACE	LF	809	\$62.00	\$50,158.00	\$77.80	\$62,940.20
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$110.00	\$4,950.00	\$93.85	\$4,223.25
4	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$98.00	\$9,408.00	\$119.05	\$11,428.80
5	STEEL CASING FOR 8" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	105	\$59.00	\$6,195.00	\$142.66	\$14,978.25
6	STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$76.00	\$6,992.00	\$178.30	\$16,403.60
7	12" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,400.00	\$10,200.00	\$3,767.80	\$11,303.40
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$5,600.00	\$11,200.00	\$5,411.60	\$10,823.20
9	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$23.75	\$23.75
10	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTORS AND CONNECTORS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$178.30	\$178.30
11	DEWATERING FOR WATER LINE, ALL SIZES, ALL DEPTHS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	270	\$30.00	\$8,100.00	\$30.00	\$8,100.00
12	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1079	\$1.00	\$1,079.00	\$0.10	\$107.90
RED SUMMIT WATER ITEMS SUBTOTAL:					\$114,355.00		\$145,851.25
RED SUMMIT SANITARY ITEMS							
1	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	158	\$48.00	\$7,584.00	\$53.70	\$8,484.60
2	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	476	\$54.00	\$25,704.00	\$53.70	\$25,561.20
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	2	\$2,900.00	\$5,800.00	\$2,662.40	\$5,324.80
4	SANITARY SEWER MANHOLE, SEALED AND VENTED, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$5,600.00	\$5,600.00	\$4,445.25	\$4,445.25
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	24	\$165.00	\$3,960.00	\$136.70	\$3,280.80
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$3,387.45	\$3,387.45

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
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 2435-0410 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$475.45	\$475.45
8	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$30.00	\$4,770.00	\$30.00	\$4,770.00
9	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$20.00	\$3,180.00	\$20.00	\$3,180.00
10	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	634	\$2.00	\$1,268.00	\$0.10	\$63.40
RED SUMMIT SANITARY ITEMS SUBTOTAL:					\$60,366.00	\$58,972.95	
RED SUMMIT STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	531	\$90.00	\$47,790.00	\$99.60	\$52,887.60
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$206.00	\$28,222.00	\$206.60	\$28,304.20
3	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	282	\$753.00	\$212,346.00	\$778.55	\$219,551.10
4	REMOVE AND OFFSITE DISPOSAL OF EXISTING 5' X 5' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	354	\$111.00	\$39,294.00	\$118.85	\$42,072.90
5	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,614.95	\$2,614.95
6	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,400.00	\$8,800.00	\$3,436.15	\$6,872.30
7	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$23,300.00	\$69,900.00	\$20,205.80	\$60,617.40
8	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	6	\$1,700.00	\$10,200.00	\$1,111.30	\$6,667.80
9	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,700.00	\$10,200.00	\$2,686.20	\$16,117.20
10	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$5,318.85	\$10,637.70
11	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$30.00	\$7,140.00	\$30.00	\$7,140.00
12	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$20.00	\$4,760.00	\$20.00	\$4,760.00
13	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
14	EXISTING RIP RAP TO BE REMOVED AND RELOCATED, COMPLETE IN PLACE	SY	164	\$30.00	\$4,920.00	\$77.25	\$12,669.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	EXISTING SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	504	\$5.00	\$2,520.00	\$23.75	\$11,970.00
16	EXISTING STORM E-INLET TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$1,545.15	\$1,545.15
17	EXISTING 24" RCP STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	62	\$10.00	\$620.00	\$71.30	\$4,420.60
18	EXISTING 5'X5' BC STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	89	\$50.00	\$4,450.00	\$118.85	\$10,577.65
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	343	\$4.00	\$1,372.00	\$11.90	\$4,081.70
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED REINFORCED CONCRETE BOX CULVERT, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$7,725.75	\$7,725.75
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$2.00	\$1,900.00	\$0.10	\$95.00
RED SUMMIT STORM ITEMS SUBTOTAL:					\$469,434.00		\$513,828.00
SECTION 4 WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2034	\$35.00	\$71,190.00	\$41.40	\$84,207.60
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	657	\$42.00	\$27,594.00	\$51.40	\$33,769.80
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	48	\$51.00	\$2,448.00	\$63.05	\$3,026.40
4	8" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,800.00	\$14,400.00	\$2,002.75	\$16,022.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$5,600.00	\$33,600.00	\$5,411.60	\$32,469.60
6	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	3	\$400.00	\$1,200.00	\$23.75	\$71.25
7	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2739	\$2.00	\$5,478.00	\$0.10	\$273.90
SECTION 4 WATER ITEMS SUBTOTAL:					\$155,910.00		\$169,840.55
SECTION 4 SANITARY ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1305	\$35.00	\$45,675.00	\$42.05	\$54,875.25
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	818	\$39.00	\$31,902.00	\$42.05	\$34,396.90
3	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	197	\$54.00	\$10,638.00	\$53.70	\$10,578.90

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 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	1644	\$46.00	\$75,624.00	\$45.65	\$75,048.60
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND NECESSARY FITTINGS, COMPLETE IN PLACE	EA	18	\$1,800.00	\$32,400.00	\$962.60	\$17,326.80
6	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	12	\$2,900.00	\$34,800.00	\$2,662.40	\$31,948.80
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	22	\$165.00	\$3,630.00	\$136.70	\$3,007.40
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$475.45	\$950.90
9	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$30.00	\$29,730.00	\$30.00	\$29,730.00
10	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$20.00	\$19,820.00	\$20.00	\$19,820.00
11	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3964	\$2.00	\$7,928.00	\$0.10	\$396.40
SECTION 4 SANITARY ITEMS SUBTOTAL:					\$294,347.00		\$278,079.95
SECTION 4 STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1190	\$90.00	\$107,100.00	\$99.60	\$118,524.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	408	\$115.00	\$46,920.00	\$120.10	\$49,000.80
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	16	\$3,600.00	\$57,600.00	\$165.80	\$2,652.80
4	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1116	\$755.00	\$842,580.00	\$778.55	\$868,861.80
5	8' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	201	\$818.00	\$164,418.00	\$860.25	\$172,910.25
6	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$3,500.00	\$35,000.00	\$2,614.95	\$26,149.50
7	8' X 5' RCB STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND (59 SY), AND ALL OTHER APPURTENANCES, INCLUDES REDRESSING SIDE SLOPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$16,366.70	\$16,366.70
8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$20,000.00	\$200,000.00	\$12,777.20	\$127,772.00
9	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,700.00	\$27,200.00	\$1,111.30	\$17,780.80

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
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 2435-0410 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$1,700.00	\$27,200.00	\$2,686.20	\$42,979.20
11	STAGE I - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$1,313.40	\$2,626.80
12	STAGE II - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$4,784.00	\$9,568.00
13	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$5,437.75	\$5,437.75
14	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$30.00	\$22,620.00
15	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$20.00	\$15,080.00	\$20.00	\$15,080.00
16	CONSTRUCTION AND REMOVAL OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$14,857.20	\$14,857.20
17	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
18	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	141	\$4.00	\$564.00	\$23.75	\$3,348.75
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	993	\$4.00	\$3,972.00	\$11.90	\$11,816.70
20	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	74	\$100.00	\$7,400.00	\$106.95	\$7,914.30
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2931	\$2.00	\$5,862.00	\$0.10	\$293.10
22	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$564.55	\$1,129.10
SECTION 4 STORM ITEMS SUBTOTAL:					\$1,591,916.00		\$1,540,189.55
WS&D MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
2	EXCESS UTILITY SPOIL MATERIAL TO BE DISPOSED OF ON ADJACENT LOTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8512	\$2.00	\$17,024.00	\$2.95	\$25,110.40
3	FURNISH AND INSTALL SANITARY SEWER BEDDING AND BACKFILL FOR WET SAND CONDITIONS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
4	REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00

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 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	7) TMW LAND SERVICES		8) FELLERS AND CLARK LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00
6	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$118.85	\$118.85
7	EXTRA 12" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA 8" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
10	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
11	BURLAP BAG BARRIER ON INLET, (TO BE USE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	10	\$10.00	\$100.00	\$10.00	\$100.00
12	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$150.00	\$1,800.00	\$150.00	\$1,800.00
13	LIGHT CLEARING AND GRUBBING OF BRUSH AND GRASS AREAS, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
14	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, COMPLETE IN PLACE	AC	0.5	\$5,000.00	\$2,500.00	\$5,000.00	\$2,500.00
15	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	2	\$4,100.00	\$8,200.00	\$1,000.00	\$2,000.00
16	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
17	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$1,608.50	\$1,608.50
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$58,624.00	\$59,237.75	
<u>BIDDING SUMMARY</u>							
SUBTOTAL RED SUMMIT WATER ITEMS					\$114,355.00	\$145,851.25	
SUBTOTAL RED SUMMIT SANITARY ITEMS					\$60,366.00	\$58,972.95	
SUBTOTAL RED SUMMIT STORM ITEMS					\$469,434.00	\$513,828.00	
SUBTOTAL SECTION 4 WATER ITEMS					\$155,910.00	\$169,840.55	
SUBTOTAL SECTION 4 SANITARY ITEMS					\$294,347.00	\$278,079.95	
SUBTOTAL SECTION 4 STORM ITEMS					\$1,591,916.00	\$1,540,189.55	
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$58,624.00	\$59,237.75	
TOTAL AMOUNT BASE BID					\$2,744,952.00	\$2,766,000.00	

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 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
RED SUMMIT WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	129	\$37.35	\$4,818.15	\$46.80	\$6,037.20
2	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLTE IN PLACE	LF	809	\$67.69	\$54,761.21	\$69.50	\$56,225.50
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	45	\$165.34	\$7,440.30	\$155.00	\$6,975.00
4	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$160.25	\$15,384.00	\$116.00	\$11,136.00
5	STEEL CASING FOR 8" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	105	\$103.85	\$10,904.25	\$64.60	\$6,783.00
6	STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$123.49	\$11,361.08	\$75.45	\$6,941.40
7	12" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$4,224.59	\$12,673.77	\$3,570.00	\$10,710.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$6,737.07	\$13,474.14	\$6,000.00	\$12,000.00
9	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	1	\$1,145.76	\$1,145.76	\$860.00	\$860.00
10	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP, 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTORS AND CONNECTORS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,308.73	\$1,308.73	\$750.00	\$750.00
11	DEWATERING FOR WATER LINE, ALL SIZES, ALL DEPTHS (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	270	\$30.00	\$8,100.00	\$30.00	\$8,100.00
12	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1079	\$0.50	\$539.50	\$0.01	\$10.79
RED SUMMIT WATER ITEMS SUBTOTAL:					\$141,910.89		\$126,528.89
RED SUMMIT SANITARY ITEMS							
1	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	158	\$66.98	\$10,582.84	\$53.00	\$8,374.00
2	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	476	\$97.41	\$46,367.16	\$68.20	\$32,463.20
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	2	\$4,149.75	\$8,299.50	\$3,480.00	\$6,960.00
4	SANITARY SEWER MANHOLE, SEALED AND VENTED, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$7,740.85	\$7,740.85	\$6,420.00	\$6,420.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	24	\$150.47	\$3,611.28	\$1.00	\$24.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,164.24	\$1,164.24	\$1,280.00	\$1,280.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES
 TO SERVE PECAN ESTATES SECTION 4
 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
 2435-0410 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	1	\$3,870.10	\$3,870.10	\$250.00	\$250.00
8	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$30.00	\$4,770.00	\$30.00	\$4,770.00
9	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	159	\$20.00	\$3,180.00	\$20.00	\$3,180.00
10	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	634	\$0.86	\$545.24	\$0.01	\$6.34
RED SUMMIT SANITARY ITEMS SUBTOTAL:					\$90,131.21	\$63,727.54	
RED SUMMIT STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	531	\$97.12	\$51,570.72	\$110.00	\$58,410.00
2	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	137	\$208.89	\$28,617.93	\$247.00	\$33,839.00
3	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	282	\$731.72	\$206,345.04	\$786.50	\$221,793.00
4	REMOVE AND OFFSITE DISPOSAL OF EXISTING 5' X 5' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	354	\$102.74	\$36,369.96	\$36.25	\$12,832.50
5	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,593.71	\$4,593.71	\$3,950.00	\$3,950.00
6	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,754.74	\$11,509.48	\$5,900.00	\$11,800.00
7	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$18,359.05	\$55,077.15	\$17,280.00	\$51,840.00
8	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	6	\$1,410.19	\$8,461.14	\$2,180.00	\$13,080.00
9	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,475.10	\$14,850.60	\$1,970.00	\$11,820.00
10	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,526.61	\$5,053.22	\$5,180.00	\$10,360.00
11	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$30.00	\$7,140.00	\$30.00	\$7,140.00
12	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	238	\$20.00	\$4,760.00	\$20.00	\$4,760.00
13	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
14	EXISTING RIP RAP TO BE REMOVED AND RELOCATED, COMPLETE IN PLACE	SY	164	\$42.52	\$6,973.28	\$11.00	\$1,804.00

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 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 OCTOBER 10, 2024
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 AVIGAIL AMIGLEO
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 2435-0410 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	EXISTING SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	504	\$12.96	\$6,531.84	\$15.00	\$7,560.00
16	EXISTING STORM E-INLET TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$3,367.52	\$3,367.52	\$560.00	\$560.00
17	EXISTING 24" RCP STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	62	\$57.87	\$3,587.94	\$20.00	\$1,240.00
18	EXISTING 5'X5' BC STORM SEWER, ASTM C-76, CLASS III, TO BE REMOVED AND DISPOSED, ALL DEPTHS, COMPLETE IN PLACE	LF	89	\$117.37	\$10,445.93	\$35.80	\$3,186.20
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	343	\$7.01	\$2,404.43	\$11.50	\$3,944.50
20	BREAK INTO EXISTING STORM SEWER JUNCTION BOX AND CONNECT PROPOSED REINFORCED CONCRETE BOX CULVERT, INCLUDES CONCRETE COLLAR, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,862.01	\$3,862.01	\$1,640.00	\$1,640.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$0.83	\$788.50	\$0.01	\$9.50
RED SUMMIT STORM ITEMS SUBTOTAL:					\$474,810.40	\$464,068.70	
SECTION 4 WATER ITEMS							
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2034	\$38.37	\$78,044.58	\$40.60	\$82,580.40
2	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	657	\$45.43	\$29,847.51	\$51.60	\$33,901.20
3	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	48	\$66.52	\$3,192.96	\$63.00	\$3,024.00
4	8" GATE VALVE & BOX, ADJUSTMENTS AS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,257.26	\$18,058.08	\$1,920.00	\$15,360.00
5	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES ADJUSTMENTS AS NECESSARY, APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	6	\$6,537.39	\$39,224.34	\$5,712.00	\$34,272.00
6	PLUG & CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY (ALL SIZES), COMPLETE IN PLACE	EA	3	\$952.85	\$2,858.55	\$860.00	\$2,580.00
7	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2739	\$0.50	\$1,369.50	\$0.01	\$27.39
SECTION 4 WATER ITEMS SUBTOTAL:					\$172,595.52	\$171,744.99	
SECTION 4 SANITARY ITEMS							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1305	\$44.53	\$58,111.65	\$39.00	\$50,895.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	818	\$54.73	\$44,769.14	\$40.45	\$33,088.10
3	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	197	\$90.58	\$17,844.26	\$52.00	\$10,244.00

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 CROSBY MUNICIPAL UTILITY DISTRICT
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
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 LJA ENGINEERING, INC.
 AVIGAIL AMIGLEO
 OCTOBER 10, 2024
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ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	1644	\$52.88	\$86,934.72	\$40.90	\$67,239.60
5	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, STACKS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND NECESSARY FITTINGS, COMPLETE IN PLACE	EA	18	\$1,705.63	\$30,701.34	\$1,615.00	\$29,070.00
6	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	12	\$3,799.26	\$45,591.12	\$3,360.00	\$40,320.00
7	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	22	\$150.47	\$3,310.34	\$1.00	\$22.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS. ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	2	\$3,793.63	\$7,587.26	\$250.00	\$500.00
9	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$30.00	\$29,730.00	\$30.00	\$29,730.00
10	BEDDING AND BACKFILL FOR SANITARY SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	991	\$20.00	\$19,820.00	\$20.00	\$19,820.00
11	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3964	\$0.65	\$2,576.60	\$0.01	\$39.64
SECTION 4 SANITARY ITEMS SUBTOTAL:					\$346,976.43	\$280,968.34	
SECTION 4 STORM ITEMS							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1190	\$94.17	\$112,062.30	\$109.50	\$130,305.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	408	\$119.08	\$48,584.64	\$140.00	\$57,120.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	16	\$210.04	\$3,360.64	\$199.00	\$3,184.00
4	7' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1116	\$705.95	\$787,840.20	\$787.00	\$878,292.00
5	8' X 5' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	201	\$752.17	\$151,186.17	\$865.00	\$173,865.00
6	PRECAST TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$6,672.84	\$66,728.40	\$3,955.00	\$39,550.00
7	8' X 5' RCB STORM SEWER OUTFALL STRUCTURE, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND (59 SY), AND ALL OTHER APPURTENANCES, INCLUDES REDRESSING SIDE SLOPE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$9,762.64	\$9,762.64	\$10,000.00	\$10,000.00
8	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ALL ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$16,842.71	\$168,427.10	\$17,300.00	\$173,000.00
9	STAGE I - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,410.19	\$22,563.04	\$2,139.00	\$34,224.00

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ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10	STAGE II - REINFORCED CONCRETE "B-B" INLET, (5' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	16	\$2,561.91	\$40,990.56	\$1,973.00	\$31,568.00
11	STAGE I - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	2	\$1,796.36	\$3,592.72	\$2,020.00	\$4,040.00
12	STAGE II - REINFORCED CONCRETE TYPE "C-2" INLET, (15' OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,733.95	\$5,467.90	\$3,800.00	\$7,600.00
13	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,526.61	\$2,526.61	\$5,190.00	\$5,190.00
14	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$30.00	\$22,620.00	\$30.00	\$22,620.00
15	BEDDING AND BACKFILL FOR STORM SEWER WET SAND CONSTRUCTION AND UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	754	\$20.00	\$15,080.00	\$20.00	\$15,080.00
16	CONSTRUCTION AND REMOVAL OF TEMPORARY COFFER DAM FOR THE CONSTRUCTION OF STORM SEWER OUTFALL, INCLUDES DEWATERING AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$4,154.11	\$4,154.11	\$3,500.00	\$3,500.00
17	PUMP DOWN (WITH 4-INCH PUMP STANDING WATER, AS NECESSARY TO CREATE A DRY WORKING ENVIRONMENT FOR THE INSTALLATION OF PROPOSED DRAINAGE IMPROVEMENTS, COMPLETE IN PLACE	HR	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00
18	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	141	\$34.11	\$4,809.51	\$15.00	\$2,115.00
19	EXCAVATION AND GRADING OF V-BOTTOM DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, (ALL DEPTHS), INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	993	\$7.01	\$6,960.93	\$11.50	\$11,419.50
20	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	74	\$134.30	\$9,938.20	\$220.00	\$16,280.00
21	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2931	\$0.62	\$1,817.22	\$0.01	\$29.31
22	8" BRICK PLUG, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$233.91	\$467.82	\$945.00	\$1,890.00
SECTION 4 STORM ITEMS SUBTOTAL:					\$1,491,440.71		\$1,623,371.81
WS&D MISCELLANEOUS ITEMS							
1	EXTRA CEMENT STABILIZED SAND BACKFILL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
2	EXCESS UTILITY SPOIL MATERIAL TO BE DISPOSED OF ON ADJACENT LOTS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8512	\$2.86	\$24,344.32	\$6.00	\$51,072.00
3	FURNISH AND INSTALL SANITARY SEWER BEDDING AND BACKFILL FOR WET SAND CONDITIONS (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00
4	REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00

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ITEM	DESCRIPTION	UNIT	QTY	9) NORTHTEX CONSTRUCTION, LLC		10) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1000	\$1.00	\$1,000.00	\$1.00	\$1,000.00
6	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$706.19	\$706.19	\$900.00	\$900.00
7	EXTRA 12" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA 8" WATER LINE FITTINGS, COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
9	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
10	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00
11	BURLAP BAG BARRIER ON INLET, (TO BE USE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	10	\$10.00	\$100.00	\$10.00	\$100.00
12	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$150.00	\$1,800.00	\$150.00	\$1,800.00
13	LIGHT CLEARING AND GRUBBING OF BRUSH AND GRASS AREAS, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
14	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, COMPLETE IN PLACE	AC	0.5	\$5,000.00	\$2,500.00	\$5,000.00	\$2,500.00
15	CHIPPING AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	2	\$5,339.38	\$10,676.76	\$5,000.00	\$10,000.00
16	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$2,199.28	\$2,199.28	\$1,250.00	\$1,250.00
17	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$3,664.99	\$3,664.99	\$250.00	\$250.00
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$69,491.54	\$91,372.00	
<u>BIDDING SUMMARY</u>							
SUBTOTAL RED SUMMIT WATER ITEMS					\$141,910.89	\$126,528.89	
SUBTOTAL RED SUMMIT SANITARY ITEMS					\$90,131.21	\$63,727.54	
SUBTOTAL RED SUMMIT STORM ITEMS					\$474,810.40	\$464,068.70	
SUBTOTAL SECTION 4 WATER ITEMS					\$172,595.52	\$171,744.99	
SUBTOTAL SECTION 4 SANITARY ITEMS					\$346,976.43	\$280,968.34	
SUBTOTAL SECTION 4 STORM ITEMS					\$1,491,440.71	\$1,623,371.81	
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$69,491.54	\$91,372.00	
TOTAL AMOUNT BASE BID					\$2,787,356.70	\$2,821,782.27	