

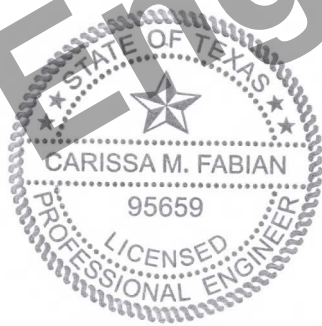
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
JUNE 28, 2024
LJA ENGINEERING, INC.
C CORTEZ
JULY 1, 2024
0386-5110D (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING SECTION 11 – ALTERNATE ITEMS
1) CROSTEX CONSTRUCTION INC.	\$2,610,000.00	\$2,442,988.75
2) DIMAS BROS. CONSTRUCTION	\$2,639,000.00	\$2,427,682.90
3) TMW LAND SERVICES	\$2,674,115.00	\$2,473,842.00
4) BLAZEY CONSTRUCTION SERVICES LLC	\$2,675,401.10	\$2,521,584.00
5) KENNETH LAMB CONSTRUCTION CO.,LTD.	\$2,713,724.00	\$2,527,612.00
6) TEXAS KB UTILITIES, LLC	\$2,721,000.00	\$2,537,067.25
7) TEXASITE, LLC	\$2,747,529.35	\$2,541,349.35
8) R CONSTRUCTION CIVIL, LLC	\$2,805,248.80	\$2,625,592.80
9) CE BARKER LTD.	\$2,845,697.34	\$2,642,512.59

CALENDAR DAYS 55/65



Carissa M. Fabian 7/1/24

I, CARISSA M. FABIAN, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) DIMAS BROS. CONSTRUCTION		3) TMW LAND SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 - WATER ITEMS (INTERNAL)									
1	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	161	\$21.00	\$3,381.00	\$27.80	\$4,475.80	\$23.00	\$3,703.00
2	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	4110	\$32.50	\$133,575.00	\$37.00	\$152,070.00	\$36.00	\$147,960.00
3	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1380	\$50.50	\$69,690.00	\$48.00	\$66,240.00	\$55.00	\$75,900.00
4	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	5651	\$0.05	\$282.55	\$1.00	\$5,651.00	\$1.00	\$5,651.00
5	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1579	\$1.50	\$2,368.50	\$3.00	\$4,737.00	\$2.00	\$3,158.00
6	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	15	\$1,650.00	\$24,750.00	\$1,490.00	\$22,350.00	\$1,800.00	\$27,000.00
7	WET CONNECTION OF PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$484.00	\$484.00	\$500.00	\$500.00
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$8,884.00	\$8,884.00	\$7,400.00	\$7,400.00
9	4" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,240.00	\$1,240.00	\$684.00	\$684.00	\$1,400.00	\$1,400.00
10	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,330.00	\$3,990.00	\$1,184.00	\$3,552.00	\$1,500.00	\$4,500.00
11	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	11	\$5,900.00	\$64,900.00	\$5,784.00	\$63,624.00	\$5,900.00	\$64,900.00
12	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$100.00	\$200.00	\$1.00	\$2.00	\$1,100.00	\$2,200.00
SECTION 11 - WATER ITEMS (INTERNAL) SUBTOTAL:					\$312,377.05		\$332,753.80		\$344,272.00
SECTION 11 - WATER ITEMS (TRUNK)									
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	344	\$32.00	\$11,008.00	\$40.25	\$13,846.00	\$34.00	\$11,696.00
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	79	\$48.00	\$3,792.00	\$49.75	\$3,930.25	\$51.00	\$4,029.00
3	12" PVC WATER LINE, C-900, DR 14, CLASS 305, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$71.00	\$10,650.00	\$75.80	\$11,370.00	\$71.00	\$10,650.00
4	BORE AND JACK PROPOSED 12" WATER LINE (INCLUDING PIPE FITTINGS, BORE PITS) COMPLETE IN PLACE	LF	124	\$105.00	\$13,020.00	\$138.00	\$17,112.00	\$145.00	\$17,980.00
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	573	\$0.05	\$28.65	\$1.00	\$573.00	\$1.00	\$573.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	195	\$1.50	\$292.50	\$3.00	\$585.00	\$2.00	\$390.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,665.00	\$3,330.00	\$1,515.00	\$3,030.00	\$1,800.00	\$3,600.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) DIMAS BROS. CONSTRUCTION		3) TMW LAND SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$8,884.00	\$8,884.00	\$7,400.00	\$7,400.00
9	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$5,600.00	\$5,600.00	\$5,184.00	\$5,184.00	\$5,600.00	\$5,600.00
10	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$100.00	\$200.00	\$1.00	\$2.00	\$1,100.00	\$2,200.00
SECTION 11 – WATER ITEMS (TRUNK) SUBTOTAL:					\$56,421.15	\$64,516.25	\$64,118.00		
SECTION 11 - SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	4148	\$38.50	\$159,698.00	\$48.60	\$201,592.80	\$34.00	\$141,032.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	815	\$42.75	\$34,841.25	\$50.35	\$41,035.25	\$35.00	\$28,525.00
3	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2285	\$1.50	\$3,427.50	\$3.00	\$6,855.00	\$2.00	\$4,570.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4963	\$0.10	\$496.30	\$1.00	\$4,963.00	\$1.00	\$4,963.00
5	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	33	\$2,900.00	\$95,700.00	\$3,484.00	\$114,972.00	\$2,800.00	\$92,400.00
6	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	61	\$290.00	\$17,690.00	\$138.00	\$8,418.00	\$170.00	\$10,370.00
7	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	55	\$1,400.00	\$77,000.00	\$1,245.00	\$68,475.00	\$1,400.00	\$77,000.00
8	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2292	\$41.75	\$95,691.00	\$56.65	\$129,841.80	\$45.00	\$103,140.00
9	FINAL ADJUSTMENTS TO SANITARY MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	33	\$50.00	\$1,650.00	\$50.00	\$1,650.00	\$110.00	\$3,630.00
10	8" SANITARY SEWER PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$184.00	\$552.00	\$200.00	\$600.00
11	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20" SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$10.00	\$400.00
12	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3722	\$20.00	\$74,440.00	\$20.00	\$74,440.00	\$20.00	\$74,440.00
SECTION 11 - SANITARY SEWER ITEMS SUBTOTAL:					\$568,934.05	\$658,794.85	\$541,070.00		

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SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)										
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1893	\$76.00	\$143,868.00	\$87.85	\$166,300.05	\$86.00	\$162,798.00	
2	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	952	\$81.25	\$77,350.00	\$91.30	\$86,917.60	\$99.00	\$94,248.00	
3	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	259	\$96.25	\$24,928.75	\$110.60	\$28,645.40	\$110.00	\$28,490.00	
4	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	669	\$132.75	\$88,809.75	\$150.30	\$100,550.70	\$152.00	\$101,688.00	
5	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	28	\$140.00	\$3,920.00	\$152.00	\$4,256.00	\$229.00	\$6,412.00	
6	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	849	\$175.75	\$149,211.75	\$190.20	\$161,479.80	\$200.00	\$169,800.00	
7	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	79	\$184.00	\$14,536.00	\$238.00	\$18,802.00	\$300.00	\$23,700.00	
8	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	350	\$212.00	\$74,200.00	\$221.40	\$77,490.00	\$240.00	\$84,000.00	
9	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	213	\$357.00	\$76,041.00	\$362.25	\$77,159.25	\$400.00	\$85,200.00	
10	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	148	\$366.00	\$54,168.00	\$384.00	\$56,832.00	\$574.00	\$84,952.00	
11	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE & CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$1,400.00	\$2,800.00	
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	7463	\$1.50	\$11,194.50	\$3.00	\$22,389.00	\$2.00	\$14,926.00	
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5440	\$0.05	\$272.00	\$1.00	\$5,440.00	\$1.00	\$5,440.00	
14	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	26	\$3,425.00	\$89,050.00	\$2,884.00	\$74,984.00	\$3,600.00	\$93,600.00	
15	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$8,900.00	\$53,400.00	\$5,145.00	\$30,870.00	\$4,200.00	\$25,200.00	
16	TYPE "C" MANHOLE ON RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,084.00	\$8,336.00	\$2,800.00	\$11,200.00	
17	TYPE "C" MANHOLE WITH TYPE "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,000.00	\$8,000.00	\$3,000.00	\$6,000.00	\$3,900.00	\$7,800.00	

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18	FINAL ADJUSTMENTS TO STORM SEWER MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	38	\$50.00	\$1,900.00	\$50.00	\$1,900.00	\$1.00	\$38.00
19	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	33	\$2,500.00	\$82,500.00	\$1,128.00	\$37,224.00	\$1,800.00	\$59,400.00
20	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	33	\$1,100.00	\$36,300.00	\$1,615.00	\$53,295.00	\$1,800.00	\$59,400.00
21	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	363	\$20.00	\$7,260.00	\$10.00	\$3,630.00	\$1.00	\$363.00
SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) SUBTOTAL:					\$1,007,909.75	\$1,023,500.80		\$1,121,455.00	
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)									
1	7'X5' REINFORCED BOX CULVERT, C-76, CLASS III, ASTM C-1433, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	591	\$810.00	\$478,710.00	\$711.50	\$420,496.50	\$749.00	\$442,659.00
2	PRECAST BEND (20 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00	\$884.00	\$884.00	\$1,000.00	\$1,000.00
3	PRECAST BEND (19 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00	\$884.00	\$884.00	\$1,000.00	\$1,000.00
4	PRECAST BEND (5 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00	\$884.00	\$884.00	\$1,000.00	\$1,000.00
5	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$22,000.00	\$44,000.00	\$12,500.00	\$25,000.00	\$20,000.00	\$40,000.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	591	\$0.05	\$29.55	\$1.00	\$591.00	\$1.00	\$591.00
7	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$1,118.00	\$2,236.00	\$1,800.00	\$3,600.00
8	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$1,650.00	\$3,300.00	\$1,800.00	\$3,600.00
9	RING GRATE FOR 24" RCP, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$800.00	\$800.00	\$500.00	\$500.00
10	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00	\$20.00	\$36,000.00	\$20.00	\$36,000.00
11	COFFER DAM FOR INSTALLATION OF STORM SEWER, TO INCLUDE INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	2	\$4,500.00	\$9,000.00	\$3,000.00	\$6,000.00	\$2,800.00	\$5,600.00
12	EXTRA VERTICAL DEPTH FOR 4' DIAMETER STORM SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	20	\$250.00	\$5,000.00	\$118.00	\$2,360.00	\$170.00	\$3,400.00
13	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 JULY 1, 2024
 0386-5110D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) DIMAS BROS. CONSTRUCTION		3) TMW LAND SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	FULL CONSTRUCTION STAKING FOR SECTION 11 ITEMS, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$23,000.00	\$23,000.00	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00
15	EXTRA SURVEY TRIP FOR RESTAKING PREVIOUSLY PROVIDED CONSTRUCTION STAKES THAT WERE DESTROYED BY OTHERS (THIS ITEM DOES NOT INCLUDE RESTAKING DUE TO CONTRACTOR DESTROYING OWN CONSTRUCTION STAKING OR FAILING TO PROTECT CONSTRUCTION STAKING FROM KNOWN HAZARDS SUCH AS CONSTRUCTION TRAFFIC, ORDERING STAKING TOO FAR IN ADVANCE, OR CONTRACTOR'S OWN EQUIPMENT, ETC.)	DAY	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK) SUBTOTAL:					\$636,939.55		\$531,135.50		\$570,650.00
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS									
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$1.50	\$150.00	\$1.50	\$150.00
2	STAGE II INLET PROTECTION BARRIER (4 GRAVEL BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	38	\$25.00	\$950.00	\$10.00	\$380.00	\$100.00	\$3,800.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
5	BROADCAST SEEDING INCLUDES FERTILIZING AND WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	24	\$500.00	\$12,000.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
6	HYDROMUCLH SEEDING AND FINE GRADING, INCLUDES WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3.5	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00
7	REPAIRS TO MAINTENANCE BERM SIDE SLOPES, INCLUDES REGARDING AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	30	\$25.00	\$750.00	\$100.00	\$3,000.00	\$100.00	\$3,000.00
8	30 CY TRASH CONTAINER, CONTRACTOR IS TO REMOVE ALL EXISTING TRASH FROM PROPERTY, ITEM INCLUDES AN ONSITE 30 CY CONTAINER, EMPTYING THE CONTAINER AND RETURNING IT TO THE SITE, AND REMOVAL OF THE CONTAINER UPON COMPLETION, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
9	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,218.45	\$1,218.45	\$468.80	\$468.80	\$1,300.00	\$1,300.00
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL:					\$23,918.45		\$24,798.80		\$29,050.00
SECTION 11 - MISCELLANEOUS ITEMS									
1	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
2	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
SECTION 11 - MISCELLANEOUS ITEMS SUBTOTAL:					\$3,500.00		\$3,500.00		\$3,500.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION INC.		2) DIMAS BROS. CONSTRUCTION		3) TMW LAND SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 – ALTERNATE ITEMS									
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #1, COMPLETE IN PLACE	LF	1893	\$63.00	\$119,259.00	\$67.50	\$127,777.50	\$67.00	\$126,831.00
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #3, COMPLETE IN PLACE	LF	259	\$79.00	\$20,461.00	\$87.90	\$22,766.10	\$92.00	\$23,828.00
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #4, COMPLETE IN PLACE	LF	669	\$96.00	\$64,224.00	\$96.70	\$64,692.30	\$104.00	\$69,576.00
4	42" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #6, COMPLETE IN PLACE	LF	849	\$119.00	\$101,031.00	\$116.00	\$98,484.00	\$129.00	\$109,521.00
5	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #8, COMPLETE IN PLACE	LF	350	\$139.00	\$48,650.00	\$137.00	\$47,950.00	\$158.00	\$55,300.00
6	60" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #9, COMPLETE IN PLACE	LF	213	\$171.00	\$36,423.00	\$181.40	\$38,638.20	\$219.00	\$46,647.00
SECTION 11 – ALTERNATE ITEMS SUBTOTAL:					\$390,048.00		\$400,308.10		\$431,703.00
BIDDING SUMMARY									
SUBTOTAL SECTION 11 - WATER ITEMS (INTERNAL)					\$312,377.05		\$332,753.80		\$344,272.00
SUBTOTAL SECTION 11 – WATER ITEMS (TRUNK)					\$56,421.15		\$64,516.25		\$64,118.00
SUBTOTAL SECTION 11 - SANITARY SEWER ITEMS					\$568,934.05		\$658,794.85		\$541,070.00
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)					\$1,007,909.75		\$1,023,500.80		\$1,121,455.00
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)					\$636,939.55		\$531,135.50		\$570,650.00
SUBTOTAL SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS					\$23,918.45		\$24,798.80		\$29,050.00
SUBTOTAL SECTION 11 - MISCELLANEOUS ITEMS					\$3,500.00		\$3,500.00		\$3,500.00
TOTAL AMOUNT BASE BID					\$2,610,000.00		\$2,639,000.00		\$2,674,115.00
SECTION 11 – ALTERNATE ITEMS									
TOTAL AMOUNT BASE BID					\$2,610,000.00		\$2,639,000.00		\$2,674,115.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.1					-\$143,868.00		-\$166,300.05		-\$162,798.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.3					-\$24,928.75		-\$28,645.40		-\$28,490.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.4					-\$88,809.75		-\$100,550.70		-\$101,688.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.6					-\$149,211.75		-\$161,479.80		-\$169,800.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.8					-\$74,200.00		-\$77,490.00		-\$84,000.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.9					-\$76,041.00		-\$77,159.25		-\$85,200.00
SUBTOTAL SECTION 11 – ALTERNATE ITEMS					\$390,048.00		\$400,308.10		\$431,703.00
TOTAL AMOUNT INCLUDING SECTION 11 – ALTERNATE ITEMS					\$2,442,988.75		\$2,427,682.90		\$2,473,842.00

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4) BLAZEY CONSTRUCTION SERVICES LLC 5) KENNETH LAMB CONSTRUCTION CO.,LTD. 6) TEXAS KB UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 - WATER ITEMS (INTERNAL)									
1	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	161	\$22.00	\$3,542.00	\$28.00	\$4,508.00	\$19.65	\$3,163.65
2	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	4110	\$35.80	\$147,138.00	\$39.00	\$160,290.00	\$39.30	\$161,523.00
3	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1380	\$54.00	\$74,520.00	\$59.00	\$81,420.00	\$43.75	\$60,375.00
4	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	5651	\$0.30	\$1,695.30	\$2.00	\$11,302.00	\$0.10	\$565.10
5	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1579	\$1.80	\$2,842.20	\$2.00	\$3,158.00	\$4.00	\$6,316.00
6	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	15	\$1,719.00	\$25,785.00	\$1,681.00	\$25,215.00	\$1,800.00	\$27,000.00
7	WET CONNECTION OF PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$1,014.00	\$1,014.00	\$627.00	\$627.00	\$510.00	\$510.00
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$7,772.00	\$7,772.00	\$6,500.00	\$6,500.00	\$6,510.00	\$6,510.00
9	4" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,570.00	\$1,570.00	\$888.00	\$888.00	\$570.00	\$570.00
10	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,663.00	\$4,989.00	\$1,167.00	\$3,501.00	\$570.00	\$1,710.00
11	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	11	\$6,143.00	\$67,573.00	\$5,502.00	\$60,522.00	\$5,500.00	\$60,500.00
12	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$3,655.00	\$7,310.00	\$200.00	\$400.00	\$1.00	\$2.00
SECTION 11 - WATER ITEMS (INTERNAL) SUBTOTAL:					\$345,750.50		\$358,331.00		\$328,744.75
SECTION 11 - WATER ITEMS (TRUNK)									
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	344	\$34.00	\$11,696.00	\$40.00	\$13,760.00	\$39.30	\$13,519.20
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	79	\$51.00	\$4,029.00	\$58.00	\$4,582.00	\$43.75	\$3,456.25
3	12" PVC WATER LINE, C-900, DR 14, CLASS 305, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$73.00	\$10,950.00	\$77.00	\$11,550.00	\$65.60	\$9,840.00
4	BORE AND JACK PROPOSED 12" WATER LINE (INCLUDING PIPE FITTINGS, BORE PITS) COMPLETE IN PLACE	LF	124	\$114.00	\$14,136.00	\$103.00	\$12,772.00	\$124.95	\$15,493.80
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	573	\$0.30	\$171.90	\$2.00	\$1,146.00	\$0.10	\$57.30
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	195	\$1.80	\$351.00	\$2.00	\$390.00	\$4.00	\$780.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,750.00	\$3,500.00	\$1,707.00	\$3,414.00	\$1,800.00	\$3,600.00

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ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) KENNETH LAMB CONSTRUCTION CO.,LTD.		6) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$8,016.00	\$8,016.00	\$6,500.00	\$6,500.00	\$6,510.00	\$6,510.00
9	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$5,868.00	\$5,868.00	\$5,304.00	\$5,304.00	\$5,500.00	\$5,500.00
10	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$3,655.00	\$7,310.00	\$200.00	\$400.00	\$1.00	\$2.00
SECTION 11 – WATER ITEMS (TRUNK) SUBTOTAL:					\$66,027.90		\$59,818.00		\$58,758.55
SECTION 11 - SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	4148	\$41.00	\$170,068.00	\$38.00	\$157,624.00	\$42.60	\$176,704.80
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	815	\$50.00	\$40,750.00	\$41.00	\$33,415.00	\$42.60	\$34,719.00
3	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2285	\$1.80	\$4,113.00	\$2.00	\$4,570.00	\$4.00	\$9,140.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4963	\$0.30	\$1,488.90	\$2.00	\$9,926.00	\$0.10	\$496.30
5	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	33	\$3,187.00	\$105,171.00	\$2,800.00	\$92,400.00	\$2,735.00	\$90,255.00
6	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	61	\$176.00	\$10,736.00	\$200.00	\$12,200.00	\$155.00	\$9,455.00
7	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	55	\$1,575.00	\$86,625.00	\$1,178.00	\$64,790.00	\$1,590.00	\$87,450.00
8	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2292	\$54.30	\$124,455.60	\$47.00	\$107,724.00	\$53.65	\$122,965.80
9	FINAL ADJUSTMENTS TO SANITARY MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	33	\$27.00	\$891.00	\$1.00	\$33.00	\$1.00	\$33.00
10	8" SANITARY SEWER PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$176.00	\$528.00	\$161.00	\$483.00	\$105.00	\$315.00
11	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20" SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	40	\$809.00	\$32,360.00	\$200.00	\$8,000.00	\$1.00	\$40.00
12	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3722	\$25.00	\$93,050.00	\$20.00	\$74,440.00	\$20.00	\$74,440.00
SECTION 11 - SANITARY SEWER ITEMS SUBTOTAL:					\$670,236.50		\$565,605.00		\$606,013.90

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1893	\$70.70	\$133,835.10	\$81.00	\$153,333.00	\$91.65	\$173,493.45
2	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	952	\$70.70	\$67,306.40	\$84.00	\$79,968.00	\$91.65	\$87,250.80
3	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	259	\$88.00	\$22,792.00	\$100.00	\$25,900.00	\$117.75	\$30,497.25
4	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	669	\$124.00	\$82,956.00	\$142.00	\$94,998.00	\$158.85	\$106,270.65
5	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	28	\$124.00	\$3,472.00	\$143.00	\$4,004.00	\$158.85	\$4,447.80
6	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	849	\$173.00	\$146,877.00	\$195.00	\$165,555.00	\$215.85	\$183,256.65
7	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	79	\$172.00	\$13,588.00	\$200.00	\$15,800.00	\$215.85	\$17,052.15
8	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	350	\$203.00	\$71,050.00	\$236.00	\$82,600.00	\$252.60	\$88,410.00
9	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	213	\$341.00	\$72,633.00	\$395.00	\$84,135.00	\$413.25	\$88,022.25
10	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	148	\$341.00	\$50,468.00	\$400.00	\$59,200.00	\$413.25	\$61,161.00
11	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE & CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$412.00	\$824.00	\$500.00	\$1,000.00	\$1,365.00	\$2,730.00
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	7463	\$1.80	\$13,433.40	\$2.00	\$14,926.00	\$4.00	\$29,852.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5440	\$0.30	\$1,632.00	\$2.00	\$10,880.00	\$0.10	\$544.00
14	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	26	\$3,775.00	\$98,150.00	\$3,475.00	\$90,350.00	\$3,000.00	\$78,000.00
15	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$9,177.00	\$55,062.00	\$7,677.00	\$46,062.00	\$4,950.00	\$29,700.00
16	TYPE "C" MANHOLE ON RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,282.00	\$13,128.00	\$3,475.00	\$13,900.00	\$3,475.00	\$13,900.00
17	TYPE "C" MANHOLE WITH TYPE "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,800.00	\$9,600.00	\$4,655.00	\$9,310.00	\$3,755.00	\$7,510.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 JULY 1, 2024
 0386-5110D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) KENNETH LAMB CONSTRUCTION CO.,LTD.		6) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	FINAL ADJUSTMENTS TO STORM SEWER MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	38	\$27.00	\$1,026.00	\$1.00	\$38.00	\$1.00	\$38.00
19	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	33	\$1,564.00	\$51,612.00	\$1,450.00	\$47,850.00	\$1,160.00	\$38,280.00
20	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	33	\$1,588.00	\$52,404.00	\$2,410.00	\$79,530.00	\$2,020.00	\$66,660.00
21	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	363	\$28.00	\$10,164.00	\$1.00	\$363.00	\$0.01	\$3.63
SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) SUBTOTAL:					\$972,012.90	\$1,079,702.00			\$1,107,079.63
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)									
1	7'X5' REINFORCED BOX CULVERT, C-76, CLASS III, ASTM C-1433, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	591	\$695.00	\$410,745.00	\$793.00	\$468,663.00	\$791.50	\$467,776.50
2	PRECAST BEND (20 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$11,423.00	\$11,423.00	\$1.00	\$1.00	\$570.00	\$570.00
3	PRECAST BEND (19 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$11,423.00	\$11,423.00	\$1.00	\$1.00	\$570.00	\$570.00
4	PRECAST BEND (5 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$11,423.00	\$11,423.00	\$1.00	\$1.00	\$570.00	\$570.00
5	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$18,957.00	\$37,914.00	\$30,200.00	\$60,400.00	\$23,250.00	\$46,500.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	591	\$0.30	\$177.30	\$2.00	\$1,182.00	\$0.10	\$59.10
7	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$2,437.00	\$4,874.00	\$1,450.00	\$2,900.00	\$1,160.00	\$2,320.00
8	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,918.00	\$3,836.00	\$2,410.00	\$4,820.00	\$2,020.00	\$4,040.00
9	RING GRATE FOR 24" RCP, COMPLETE IN PLACE	EA	1	\$356.00	\$356.00	\$750.00	\$750.00	\$570.00	\$570.00
10	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$25.00	\$45,000.00	\$20.00	\$36,000.00	\$20.00	\$36,000.00
11	COFFER DAM FOR INSTALLATION OF STORM SEWER, TO INCLUDE INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	2	\$7,134.00	\$14,268.00	\$2,500.00	\$5,000.00	\$100.00	\$200.00
12	EXTRA VERTICAL DEPTH FOR 4' DIAMETER STORM SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	20	\$27.00	\$540.00	\$400.00	\$8,000.00	\$1.00	\$20.00
13	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 JULY 1, 2024
 0386-5110D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) KENNETH LAMB CONSTRUCTION CO.,LTD.		6) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	FULL CONSTRUCTION STAKING FOR SECTION 11 ITEMS, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00
15	EXTRA SURVEY TRIP FOR RESTAKING PREVIOUSLY PROVIDED CONSTRUCTION STAKES THAT WERE DESTROYED BY OTHERS (THIS ITEM DOES NOT INCLUDE RESTAKING DUE TO CONTRACTOR DESTROYING OWN CONSTRUCTION HAZARDS OR FAILING TO PROTECT CONSTRUCTION STAKING FROM KNOWN HAZARDS SUCH AS CONSTRUCTION TRAFFIC, ORDERING STAKING TOO FAR IN ADVANCE, OR CONTRACTOR'S OWN EQUIPMENT, ETC.)	DAY	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK) SUBTOTAL:					\$583,679.30	\$619,418.00		\$590,895.60	
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS									
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	100	\$2.15	\$215.00	\$1.50	\$150.00	\$1.50	\$150.00
2	STAGE II INLET PROTECTION BARRIER (4 GRAVEL BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	38	\$60.00	\$2,280.00	\$50.00	\$1,900.00	\$40.00	\$1,520.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$525.00	\$525.00	\$500.00	\$500.00	\$500.00	\$500.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$500.00	\$500.00
5	BROADCAST SEEDING INCLUDES FERTILIZING AND WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	24	\$800.00	\$19,200.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
6	HYDROMUCLH SEEDING AND FINE GRADING, INCLUDES WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3.5	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00
7	REPAIRS TO MAINTENANCE BERM SIDE SLOPES, INCLUDES REGARDING AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	30	\$5.50	\$165.00	\$100.00	\$3,000.00	\$56.90	\$1,707.00
8	30 CY TRASH CONTAINER, CONTRACTOR IS TO REMOVE ALL EXISTING TRASH FROM PROPERTY, ITEM INCLUDES AN ONSITE 30 CY CONTAINER, EMPTYING THE CONTAINER AND RETURNING IT TO THE SITE, AND REMOVAL OF THE CONTAINER UPON COMPLETION, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$800.00	\$800.00
9	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,509.00	\$1,509.00	\$1,500.00	\$1,500.00	\$1,830.57	\$1,830.57
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL:					\$34,194.00	\$27,350.00		\$26,007.57	
SECTION 11 - MISCELLANEOUS ITEMS									
1	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
2	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
SECTION 11 - MISCELLANEOUS ITEMS SUBTOTAL:					\$3,500.00	\$3,500.00		\$3,500.00	

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 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 JULY 1, 2024
 0386-5110D (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) KENNETH LAMB CONSTRUCTION CO.,LTD.		6) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 – ALTERNATE ITEMS									
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #1, COMPLETE IN PLACE	LF	1893	\$57.00	\$107,901.00	\$62.00	\$117,366.00	\$75.80	\$143,489.40
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #3, COMPLETE IN PLACE	LF	259	\$76.00	\$19,684.00	\$82.00	\$21,238.00	\$101.70	\$26,340.30
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #4, COMPLETE IN PLACE	LF	669	\$86.00	\$57,534.00	\$97.00	\$64,893.00	\$114.45	\$76,567.05
4	42" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #6, COMPLETE IN PLACE	LF	849	\$117.00	\$99,333.00	\$130.00	\$110,370.00	\$148.90	\$126,416.10
5	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #8, COMPLETE IN PLACE	LF	350	\$142.00	\$49,700.00	\$162.00	\$56,700.00	\$177.05	\$61,967.50
6	60" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #9, COMPLETE IN PLACE	LF	213	\$198.00	\$42,174.00	\$234.00	\$49,842.00	\$240.55	\$51,237.15
SECTION 11 – ALTERNATE ITEMS SUBTOTAL:					\$376,326.00		\$420,409.00		\$486,017.50
BIDDING SUMMARY									
SUBTOTAL SECTION 11 - WATER ITEMS (INTERNAL)					\$345,750.50		\$358,331.00		\$328,744.75
SUBTOTAL SECTION 11 – WATER ITEMS (TRUNK)					\$66,027.90		\$59,818.00		\$58,758.55
SUBTOTAL SECTION 11 - SANITARY SEWER ITEMS					\$670,236.50		\$565,605.00		\$606,013.90
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)					\$972,012.90		\$1,079,702.00		\$1,107,079.63
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)					\$583,679.30		\$619,418.00		\$590,895.60
SUBTOTAL SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS					\$34,194.00		\$27,350.00		\$26,007.57
SUBTOTAL SECTION 11 - MISCELLANEOUS ITEMS					\$3,500.00		\$3,500.00		\$3,500.00
TOTAL AMOUNT BASE BID					\$2,675,401.10		\$2,713,724.00		\$2,721,000.00
SECTION 11 – ALTERNATE ITEMS									
TOTAL AMOUNT BASE BID					\$2,675,401.10		\$2,713,724.00		\$2,721,000.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.1					-\$133,835.10		-\$153,333.00		-\$173,493.45
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.3					-\$22,792.00		-\$25,900.00		-\$30,497.25
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.4					-\$82,956.00		-\$94,998.00		-\$106,270.65
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.6					-\$146,877.00		-\$165,555.00		-\$183,256.65
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.8					-\$71,050.00		-\$82,600.00		-\$88,410.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.9					-\$72,633.00		-\$84,135.00		-\$88,022.25
SUBTOTAL SECTION 11 – ALTERNATE ITEMS					\$376,326.00		\$420,409.00		\$486,017.50
TOTAL AMOUNT INCLUDING SECTION 11 – ALTERNATE ITEMS					\$2,521,584.00		\$2,527,612.00		\$2,537,067.25

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 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
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BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE, LLC		8) R CONSTRUCTION CIVIL, LLC		9) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 - WATER ITEMS (INTERNAL)									
1	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	161	\$26.00	\$4,186.00	\$25.00	\$4,025.00	\$25.00	\$4,025.00
2	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	4110	\$37.00	\$152,070.00	\$36.00	\$147,960.00	\$31.00	\$127,410.00
3	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1380	\$54.00	\$74,520.00	\$60.50	\$83,490.00	\$47.00	\$64,860.00
4	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	5651	\$1.00	\$5,651.00	\$0.10	\$565.10	\$0.01	\$56.51
5	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1579	\$2.26	\$3,568.54	\$1.00	\$1,579.00	\$1.00	\$1,579.00
6	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	15	\$1,949.00	\$29,235.00	\$1,900.00	\$28,500.00	\$1,850.00	\$27,750.00
7	WET CONNECTION OF PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, INCLUDES REMOVAL AND DISPOSAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$1,452.00	\$1,452.00	\$400.00	\$400.00	\$350.00	\$350.00
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$9,701.00	\$9,701.00	\$7,000.00	\$7,000.00	\$3,500.00	\$3,500.00
9	4" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,452.00	\$1,452.00	\$1,300.00	\$1,300.00	\$1,478.31	\$1,478.31
10	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE & BOX, COMPLETE IN PLACE	EA	3	\$1,569.00	\$4,707.00	\$1,400.00	\$4,200.00	\$1,595.15	\$4,785.45
11	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	11	\$5,422.00	\$59,642.00	\$6,200.00	\$68,200.00	\$5,400.00	\$59,400.00
12	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1.00	\$2.00	\$1.00	\$2.00	\$100.00	\$200.00
SECTION 11 - WATER ITEMS (INTERNAL) SUBTOTAL:					\$346,186.54		\$347,221.10		\$295,394.27
SECTION 11 - WATER ITEMS (TRUNK)									
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	344	\$35.00	\$12,040.00	\$34.00	\$11,696.00	\$32.00	\$11,008.00
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	79	\$53.00	\$4,187.00	\$56.00	\$4,424.00	\$47.00	\$3,713.00
3	12" PVC WATER LINE, C-900, DR 14, CLASS 305, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$75.00	\$11,250.00	\$70.00	\$10,500.00	\$65.00	\$9,750.00
4	BORE AND JACK PROPOSED 12" WATER LINE (INCLUDING PIPE FITTINGS, BORE PITS) COMPLETE IN PLACE	LF	124	\$139.00	\$17,236.00	\$130.00	\$16,120.00	\$140.00	\$17,360.00
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	573	\$1.00	\$573.00	\$0.10	\$57.30	\$0.01	\$5.73
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	195	\$2.26	\$440.70	\$1.00	\$195.00	\$1.00	\$195.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,950.00	\$3,900.00	\$2,100.00	\$4,200.00	\$1,850.00	\$3,700.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 JULY 1, 2024
 0386-5110D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE, LLC		8) R CONSTRUCTION CIVIL, LLC		9) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 16" WATER LINE WITH 16" X 12" TS&V INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, COMPLETE IN PLACE	EA	1	\$9,701.00	\$9,701.00	\$7,000.00	\$7,000.00	\$3,500.00	\$3,500.00
9	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$5,135.00	\$5,135.00	\$5,900.00	\$5,900.00	\$5,400.00	\$5,400.00
10	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1.00	\$2.00	\$1.00	\$2.00	\$100.00	\$200.00
SECTION 11 – WATER ITEMS (TRUNK) SUBTOTAL:					\$64,464.70	\$60,094.30	\$54,831.73		
SECTION 11 - SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	4148	\$45.00	\$186,660.00	\$40.00	\$165,920.00	\$50.00	\$207,400.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	815	\$42.00	\$34,230.00	\$42.00	\$34,230.00	\$55.00	\$44,825.00
3	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2285	\$2.26	\$5,164.10	\$1.00	\$2,285.00	\$1.00	\$2,285.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4963	\$1.00	\$4,963.00	\$0.10	\$496.30	\$0.01	\$49.63
5	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	33	\$2,881.00	\$95,073.00	\$2,900.00	\$95,700.00	\$4,000.00	\$132,000.00
6	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	61	\$187.00	\$11,407.00	\$200.00	\$12,200.00	\$250.00	\$15,250.00
7	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	55	\$1,681.00	\$92,455.00	\$1,550.00	\$85,250.00	\$1,850.00	\$101,750.00
8	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2292	\$53.00	\$121,476.00	\$57.00	\$130,644.00	\$65.00	\$148,980.00
9	FINAL ADJUSTMENTS TO SANITARY MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	33	\$1.00	\$33.00	\$200.00	\$6,600.00	\$50.00	\$1,650.00
10	8" SANITARY SEWER PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$492.00	\$1,476.00	\$100.00	\$300.00	\$350.00	\$1,050.00
11	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20" SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	40	\$50.00	\$2,000.00	\$600.00	\$24,000.00	\$653.71	\$26,148.40
12	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3722	\$20.00	\$74,440.00	\$20.00	\$74,440.00	\$20.00	\$74,440.00
SECTION 11 - SANITARY SEWER ITEMS SUBTOTAL:					\$629,377.10	\$632,065.30	\$755,828.03		

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 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION 11
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
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ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE, LLC		8) R CONSTRUCTION CIVIL, LLC		9) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1893	\$85.00	\$160,905.00	\$82.00	\$155,226.00	\$90.00	\$170,370.00
2	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	952	\$87.00	\$82,824.00	\$82.00	\$78,064.00	\$90.00	\$85,680.00
3	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	259	\$104.00	\$26,936.00	\$112.00	\$29,008.00	\$110.00	\$28,490.00
4	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	669	\$143.00	\$95,667.00	\$150.00	\$100,350.00	\$165.00	\$110,385.00
5	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	28	\$202.00	\$5,656.00	\$150.00	\$4,200.00	\$165.00	\$4,620.00
6	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	849	\$194.00	\$164,706.00	\$218.00	\$185,082.00	\$210.00	\$178,290.00
7	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	79	\$295.00	\$23,305.00	\$218.00	\$17,222.00	\$210.00	\$16,590.00
8	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	350	\$228.00	\$79,800.00	\$255.00	\$89,250.00	\$251.00	\$87,850.00
9	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	213	\$386.00	\$82,218.00	\$415.00	\$88,395.00	\$450.00	\$95,850.00
10	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	148	\$436.00	\$64,528.00	\$415.00	\$61,420.00	\$450.00	\$66,600.00
11	CONTRACTOR TO BREAK INTO EXISTING TYPE "C" MANHOLE & CONNECT PROPOSED STORM SEWER, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	2	\$661.00	\$1,322.00	\$600.00	\$1,200.00	\$5,000.00	\$10,000.00
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	7463	\$2.26	\$16,866.38	\$1.00	\$7,463.00	\$1.00	\$7,463.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5440	\$1.00	\$5,440.00	\$0.10	\$544.00	\$0.01	\$54.40
14	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	26	\$3,390.00	\$88,140.00	\$3,800.00	\$98,800.00	\$3,500.00	\$91,000.00
15	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$4,972.00	\$29,832.00	\$9,300.00	\$55,800.00	\$8,500.00	\$51,000.00
16	TYPE "C" MANHOLE ON RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,938.00	\$11,752.00	\$2,300.00	\$9,200.00	\$2,200.00	\$8,800.00
17	TYPE "C" MANHOLE WITH TYPE "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,616.00	\$7,232.00	\$4,900.00	\$9,800.00	\$4,500.00	\$9,000.00

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570D
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 JUNE 28, 2024
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE, LLC		8) R CONSTRUCTION CIVIL, LLC		9) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	FINAL ADJUSTMENTS TO STORM SEWER MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	38	\$1.00	\$38.00	\$200.00	\$7,600.00	\$50.00	\$1,900.00
19	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	33	\$1,921.00	\$63,393.00	\$1,250.00	\$41,250.00	\$1,800.00	\$59,400.00
20	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	33	\$1,921.00	\$63,393.00	\$2,550.00	\$84,150.00	\$1,200.00	\$39,600.00
21	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	363	\$0.01	\$3.63	\$20.00	\$7,260.00	\$5.00	\$1,815.00
SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) SUBTOTAL:					\$1,073,957.01	\$1,131,284.00	\$1,124,757.40		
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)									
1	7'X5' REINFORCED BOX CULVERT, C-76, CLASS III, ASTM C-1433, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	591	\$780.00	\$460,980.00	\$785.00	\$463,935.00	\$750.00	\$443,250.00
2	PRECAST BEND (20 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$2,430.00	\$2,430.00	\$875.00	\$875.00	\$5,500.00	\$5,500.00
3	PRECAST BEND (19 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$2,430.00	\$2,430.00	\$875.00	\$875.00	\$5,500.00	\$5,500.00
4	PRECAST BEND (5 DEGREES) FOR 7'X5' RCB STORM SEWER, ASTM C1433, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	EA	1	\$2,430.00	\$2,430.00	\$875.00	\$875.00	\$5,500.00	\$5,500.00
5	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$26,555.00	\$53,110.00	\$21,150.00	\$42,300.00	\$20,000.00	\$40,000.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	591	\$1.00	\$591.00	\$0.10	\$59.10	\$0.01	\$5.91
7	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$1,921.00	\$3,842.00	\$1,250.00	\$2,500.00	\$1,800.00	\$3,600.00
8	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,921.00	\$3,842.00	\$2,550.00	\$5,100.00	\$1,200.00	\$2,400.00
9	RING GRATE FOR 24" RCP, COMPLETE IN PLACE	EA	1	\$1,017.00	\$1,017.00	\$850.00	\$850.00	\$250.00	\$250.00
10	DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1800	\$20.00	\$36,000.00	\$20.00	\$36,000.00	\$20.00	\$36,000.00
11	COFFER DAM FOR INSTALLATION OF STORM SEWER, TO INCLUDE INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$5,500.00	\$11,000.00	\$5,000.00	\$10,000.00
12	EXTRA VERTICAL DEPTH FOR 4' DIAMETER STORM SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	20	\$226.00	\$4,520.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00
13	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00

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ITEM	DESCRIPTION	UNIT	QTY	7) TEXASITE, LLC		8) R CONSTRUCTION CIVIL, LLC		9) CE BARKER LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	FULL CONSTRUCTION STAKING FOR SECTION 11 ITEMS, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00	\$22,200.00
15	EXTRA SURVEY TRIP FOR RESTAKING PREVIOUSLY PROVIDED CONSTRUCTION STAKES THAT WERE DESTROYED BY OTHERS (THIS ITEM DOES NOT INCLUDE RESTAKING DUE TO CONTRACTOR DESTROYING OWN CONSTRUCTION HAZARDS OR FAILING TO PROTECT CONSTRUCTION STAKING FROM KNOWN HAZARDS SUCH AS CONSTRUCTION TRAFFIC, ORDERING STAKING TOO FAR IN ADVANCE, OR CONTRACTOR'S OWN EQUIPMENT, ETC.)	DAY	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK) SUBTOTAL:					\$603,892.00	\$600,069.10		\$587,705.91	
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS									
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	100	\$1.50	\$150.00	\$2.25	\$225.00	\$5.00	\$500.00
2	STAGE II INLET PROTECTION BARRIER (4 GRAVEL BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	38	\$12.00	\$456.00	\$55.00	\$2,090.00	\$10.00	\$380.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
5	BROADCAST SEEDING INCLUDES FERTILIZING AND WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	24	\$500.00	\$12,000.00	\$650.00	\$15,600.00	\$500.00	\$12,000.00
6	HYDROMUCLH SEEDING AND FINE GRADING, INCLUDES WATERING, CONTRACTOR TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3.5	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00	\$2,000.00	\$7,000.00
7	REPAIRS TO MAINTENANCE BERM SIDE SLOPES, INCLUDES REGARDING AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	30	\$113.00	\$3,390.00	\$20.00	\$600.00	\$50.00	\$1,500.00
8	30 CY TRASH CONTAINER, CONTRACTOR IS TO REMOVE ALL EXISTING TRASH FROM PROPERTY, ITEM INCLUDES AN ONSITE 30 CY CONTAINER, EMPTYING THE CONTAINER AND RETURNING IT TO THE SITE, AND REMOVAL OF THE CONTAINER UPON COMPLETION, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
9	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,356.00	\$1,356.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00
SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL:					\$26,152.00	\$31,015.00		\$23,680.00	
SECTION 11 - MISCELLANEOUS ITEMS									
1	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
2	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
SECTION 11 - MISCELLANEOUS ITEMS SUBTOTAL:					\$3,500.00	\$3,500.00		\$3,500.00	

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 11 – ALTERNATE ITEMS									
1	24" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #1, COMPLETE IN PLACE	LF	1893	\$60.00	\$113,580.00	\$65.00	\$123,045.00	\$72.00	\$136,296.00
2	30" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 – DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM #3, COMPLETE IN PLACE	LF	259	\$81.00	\$20,979.00	\$95.00	\$24,605.00	\$92.00	\$23,828.00
3	36" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #4, COMPLETE IN PLACE	LF	669	\$95.00	\$63,555.00	\$110.00	\$73,590.00	\$115.50	\$77,269.50
4	42" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #6, COMPLETE IN PLACE	LF	849	\$126.00	\$106,974.00	\$150.00	\$127,350.00	\$138.25	\$117,374.25
5	48" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #8, COMPLETE IN PLACE	LF	350	\$144.00	\$50,400.00	\$185.00	\$64,750.00	\$170.00	\$59,500.00
6	60" POLYPROPYLENE PIPE, AASHTO M-330, ALL DEPTHS, TO BE USED IN LIEU OF SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) - ITEM #9, COMPLETE IN PLACE	LF	213	\$228.00	\$48,564.00	\$255.00	\$54,315.00	\$252.50	\$53,782.50
SECTION 11 – ALTERNATE ITEMS SUBTOTAL:					\$404,052.00		\$467,655.00		\$468,050.25
BIDDING SUMMARY									
SUBTOTAL SECTION 11 - WATER ITEMS (INTERNAL)					\$346,186.54		\$347,221.10		\$295,394.27
SUBTOTAL SECTION 11 – WATER ITEMS (TRUNK)					\$64,464.70		\$60,094.30		\$54,831.73
SUBTOTAL SECTION 11 - SANITARY SEWER ITEMS					\$629,377.10		\$632,065.30		\$755,828.03
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL)					\$1,073,957.01		\$1,131,284.00		\$1,124,757.40
SUBTOTAL SECTION 11 - DRAINAGE FACILITIES ITEMS (TRUNK)					\$603,892.00		\$600,069.10		\$587,705.91
SUBTOTAL SECTION 11 - STORM WATER POLLUTION PREVENTION ITEMS					\$26,152.00		\$31,015.00		\$23,680.00
SUBTOTAL SECTION 11 - MISCELLANEOUS ITEMS					\$3,500.00		\$3,500.00		\$3,500.00
TOTAL AMOUNT BASE BID					\$2,747,529.35		\$2,805,248.80		\$2,845,697.34
SECTION 11 – ALTERNATE ITEMS									
TOTAL AMOUNT BASE BID					\$2,747,529.35		\$2,805,248.80		\$2,845,697.34
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.1					-\$160,905.00		-\$155,226.00		-\$170,370.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.3					-\$26,936.00		-\$29,008.00		-\$28,490.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.4					-\$95,667.00		-\$100,350.00		-\$110,385.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.6					-\$164,706.00		-\$185,082.00		-\$178,290.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.8					-\$79,800.00		-\$89,250.00		-\$87,850.00
DEDUCT SECTION 11 - DRAINAGE FACILITIES ITEMS (INTERNAL) ITEM NO.9					-\$82,218.00		-\$88,395.00		-\$95,850.00
SUBTOTAL SECTION 11 – ALTERNATE ITEMS					\$404,052.00		\$467,655.00		\$468,050.25
TOTAL AMOUNT INCLUDING SECTION 11 – ALTERNATE ITEMS					\$2,541,349.35		\$2,625,592.80		\$2,642,512.59