

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) PRINCIPAL SERVICES, LTD	\$6,288,851.80	\$6,529,575.80
2) CE BARKER LTD.	\$6,774,536.40	\$7,139,889.78
3) R CONSTRUCTION CIVIL, LLC	\$6,974,303.53	\$7,182,201.53
4) TLC CONSTRUCTION CONTRACT SERVICES, INC.	\$8,344,293.76	\$8,541,249.76

CALENDAR DAYS 180/195



8 February 2024

I, REGINALD SMITH, P.E., hereby certify these bid tabulations to be true and correct.

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
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				1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS									
1	8" C900 DR18 PVC WATER PIPE, CLASS 235, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	35	\$51.00	\$1,785.00	\$81.56	\$2,854.60	\$100.00	\$3,500.00
2	8" PVC RESTRAINED JOINT WATER LINE, C900 DR18, CLASS 235, OPEN CUT, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS; COMPLETE IN PLACE	LF	140	\$46.00	\$6,440.00	\$49.20	\$6,888.00	\$95.00	\$13,300.00
3	TRENCHLESS CONSTRUCTION FOR 8" WATER LINE (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	30	\$100.00	\$3,000.00	\$111.49	\$3,344.70	\$375.00	\$11,250.00
4	12" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	890	\$70.00	\$62,300.00	\$63.87	\$56,844.30	\$115.00	\$102,350.00
5	12" PVC RESTRAINED JOINT WATER LINE, C900 DR18, CLASS 235, OPEN CUT, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS; COMPLETE IN PLACE	LF	63	\$109.00	\$6,867.00	\$113.77	\$7,167.51	\$175.00	\$11,025.00
6	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	5	\$1,878.00	\$9,390.00	\$2,017.43	\$10,087.15	\$2,100.00	\$10,500.00
7	12" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	3	\$3,819.00	\$11,457.00	\$4,063.21	\$12,189.63	\$4,000.00	\$12,000.00
8	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED WATER LINE TO EXISTING 12" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$987.00	\$987.00	\$1,922.76	\$1,922.76	\$750.00	\$750.00
9	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED WATER LINE TO EXISTING 8" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$678.00	\$678.00	\$1,593.23	\$1,593.23	\$430.00	\$430.00
10	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$1,440.00	\$4,320.00	\$2,043.06	\$6,129.18	\$1,300.00	\$3,900.00
11	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	2	\$7,409.00	\$14,818.00	\$7,004.36	\$14,008.72	\$7,500.00	\$15,000.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1078	\$0.10	\$107.80	\$1.00	\$1,078.00	\$0.10	\$107.80
12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS SUBTOTAL:					\$122,149.80		\$124,107.78		\$184,112.80
12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS									
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	810	\$96.00	\$77,760.00	\$100.00	\$81,000.00	\$115.00	\$93,150.00
2	10" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	14	\$65.00	\$910.00	\$75.00	\$1,050.00	\$100.00	\$1,400.00
3	TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	166	\$240.00	\$39,840.00	\$100.00	\$16,600.00	\$360.00	\$59,760.00
4	48" DIAMETER STANDARD SEWER MANHOLE, ALL DEPTHS, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	4	\$10,000.00	\$40,000.00	\$5,000.00	\$20,000.00	\$4,500.00	\$18,000.00
5	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	1004	\$0.10	\$100.40	\$2.27	\$2,279.08	\$2.00	\$2,008.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 15" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$385.00	\$385.00	\$2,413.09	\$2,413.09	\$2,000.00	\$2,000.00
7	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$385.00	\$385.00	\$2,397.52	\$2,397.52	\$2,000.00	\$2,000.00

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 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
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 2835-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	15" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$767.00	\$767.00	\$391.82	\$391.82	\$350.00	\$350.00
9	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	495	\$40.50	\$20,047.50	\$26.73	\$13,231.35	\$95.00	\$47,025.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	824	\$0.10	\$82.40	\$1.00	\$824.00	\$0.10	\$82.40
11	ABANDON EXISTING 12" SANITARY SEWER IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	803	\$1.00	\$803.00	\$15.12	\$12,141.36	\$14.00	\$11,242.00
12	ABANDON EXISTING SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,208.97	\$1,208.97	\$3,200.00	\$3,200.00
13	CONNECT EXISTING 6" OR 8" SANITARY SEWER LEADS FROM NORTH ADJACENT TRACTS TO PROPOSED 15" SANITARY SEWER	EA	2	\$1,253.00	\$2,506.00	\$3,669.08	\$7,338.16	\$2,000.00	\$4,000.00
14	MILL AND OVERLAY ASPHALT PAVEMENT FOR SANITARY SEWER CONSTRUCTION, COMPLETE IN PLACE	SY	719	\$40.50	\$29,119.50	\$34.43	\$24,755.17	\$35.00	\$25,165.00
15	REMOVE AND REPLACE EXISTING SANITARY SEWER MANHOLE, INCLUDES INFLOW PROTECTION, COMPLETE IN PLACE (TO BE USED ONLY WITH WRITTEN DIRECTION FROM THE ENGINEER)	EA	1	\$10,000.00	\$10,000.00	\$5,900.93	\$5,900.93	\$7,300.00	\$7,300.00
16	DEWATERING AS AUTHORIZED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$25.00	\$12,500.00	\$28.79	\$14,395.00	\$25.00	\$12,500.00
12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS SUBTOTAL:					\$236,205.80		\$205,926.45		\$289,182.40
12" W.L./15" SAN. - MISCELLANEOUS ITEMS									
1	SWPPP	LS	1	\$500.00	\$500.00	\$5,757.00	\$5,757.00	\$2,200.00	\$2,200.00
2	TRAFFIC CONTROL PLAN	LS	1	\$5,000.00	\$5,000.00	\$5,757.00	\$5,757.00	\$14,000.00	\$14,000.00
3	DEVELOPER'S BONDS AS REQUIRED BY CITY OF HOUSTON	LS	1	\$20,000.00	\$20,000.00	\$12,240.00	\$12,240.00	\$60,000.00	\$60,000.00
12" W.L./15" SAN. - MISCELLANEOUS ITEMS SUBTOTAL:					\$25,500.00		\$23,754.00		\$76,200.00
15" SAN. - 15" SANITARY SEWER ITEMS									
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	1166	\$82.00	\$95,612.00	\$100.00	\$116,600.00	\$112.00	\$130,592.00
2	TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	226	\$100.00	\$22,600.00	\$100.00	\$22,600.00	\$340.00	\$76,840.00
3	12" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	41	\$67.00	\$2,747.00	\$85.00	\$3,485.00	\$100.00	\$4,100.00
4	TRENCHLESS CONSTRUCTION OF 12" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	27	\$100.00	\$2,700.00	\$100.00	\$2,700.00	\$380.00	\$10,260.00
5	10" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	25	\$58.00	\$1,450.00	\$75.00	\$1,875.00	\$90.00	\$2,250.00
6	TRENCHLESS CONSTRUCTION OF 10" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	26	\$100.00	\$2,600.00	\$100.00	\$2,600.00	\$390.00	\$10,140.00
7	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	42	\$37.00	\$1,554.00	\$65.00	\$2,730.00	\$80.00	\$3,360.00

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	8" GREEN, C-900, DR-18, CLASS 235, PVC SANITARY FORCE MAIN REALIGNMENT, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	30	\$38.00	\$1,140.00	\$100.00	\$3,000.00	\$90.00	\$2,700.00
9	TRENCHLESS CONSTRUCTION OF 8" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	25	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$380.00	\$9,500.00
10	48" DIAMETER STANDARD SEWER MANHOLE, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	10	\$10,000.00	\$100,000.00	\$5,000.00	\$50,000.00	\$4,000.00	\$40,000.00
11	CORROSION RESISTANT SEWER MANHOLE, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	1	\$10,676.00	\$10,676.00	\$9,304.02	\$9,304.02	\$12,000.00	\$12,000.00
12	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	1608	\$0.10	\$160.80	\$2.24	\$3,601.92	\$2.00	\$3,216.00
13	REMOVE EXISTING PLUG AND CONNECT TO PROPOSED 15" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,279.69	\$1,279.69	\$500.00	\$500.00
14	15" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$479.00	\$479.00	\$391.82	\$391.82	\$350.00	\$350.00
15	12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$362.00	\$362.00	\$258.57	\$258.57	\$200.00	\$200.00
16	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$78.00	\$156.00	\$155.49	\$310.98	\$50.00	\$100.00
17	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1279	\$0.10	\$127.90	\$1.00	\$1,279.00	\$0.10	\$127.90
18	ABANDON EXISTING SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$1,208.97	\$2,417.94	\$2,200.00	\$4,400.00
19	ABANDON EXISTING 8" SANITARY SEWER FORCE MAIN IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	730	\$1.00	\$730.00	\$15.12	\$11,037.60	\$8.00	\$5,840.00
20	ABANDON EXISTING 10" SANITARY SEWER IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	821	\$1.00	\$821.00	\$15.12	\$12,413.52	\$10.00	\$8,210.00
21	MILL AND OVERLAY ASPHALT PAVEMENT FOR SANITARY SEWER CONSTRUCTION, COMPLETE IN PLACE	SY	719	\$40.50	\$29,119.50	\$34.43	\$24,755.17	\$35.00	\$25,165.00
22	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	661	\$40.50	\$26,770.50	\$26.73	\$17,668.53	\$100.00	\$66,100.00
23	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	713	\$40.50	\$28,876.50	\$26.73	\$19,058.49	\$100.00	\$71,300.00
24	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG NORTH RIGHT-OF-WAY OF ALLISON ROAD, COMPLETE IN PLACE	LF	1330	\$2.00	\$2,660.00	\$7.15	\$9,509.50	\$10.00	\$13,300.00
15" SAN. - 15" SANITARY SEWER ITEMS SUBTOTAL:					\$333,944.20		\$321,376.75		\$500,550.90
15" SAN. - MISCELLANEOUS ITEMS									
1	SWPPP	LS	1	\$500.00	\$500.00	\$5,757.00	\$5,757.00	\$2,200.00	\$2,200.00
2	TRAFFIC CONTROL PLAN	LS	1	\$5,000.00	\$5,000.00	\$5,757.00	\$5,757.00	\$14,000.00	\$14,000.00
15" SAN. - MISCELLANEOUS ITEMS SUBTOTAL:					\$5,500.00		\$11,514.00		\$16,200.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 4 - SITE PREPARATION									
1	REMOVAL OF EXISTING DRIVEWAYS ALONG ALLISON ROAD SOUTH RIGHT-OF-WAY, INCLUDES PAVEMENT, FENCING, GATE, CULVERTS, HEADWALLS, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$11,514.00	\$11,514.00	\$24,000.00	\$24,000.00
2	DEMOLISH EXISTING 4'X6' RCB STORM SEWERS BENEATH ALLISON ROAD, INCLUDES GUARD RAILS, HEADWALLS, AND PAVEMENT AS NEEDED, WITH OFF-SITE DISPOSAL, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$57,570.00	\$57,570.00	\$7,600.00	\$7,600.00
SECTION 4 - SITE PREPARATION SUBTOTAL:					\$30,000.00		\$69,084.00		\$31,600.00
SECTION 4 WATER LINE ITEMS									
1	8" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	5622	\$37.00	\$208,014.00	\$36.58	\$205,652.76	\$45.00	\$252,990.00
2	8" C900 DR18 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	841	\$55.00	\$46,255.00	\$46.49	\$39,098.09	\$60.00	\$50,460.00
3	8" C900 DR14 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	118	\$102.00	\$12,036.00	\$87.99	\$10,382.82	\$110.00	\$12,980.00
4	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	26	\$1,900.00	\$49,400.00	\$2,019.64	\$52,510.64	\$2,200.00	\$57,200.00
5	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	10	\$6,799.00	\$67,990.00	\$6,719.43	\$67,194.30	\$7,000.00	\$70,000.00
6	NEAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	17	\$500.00	\$8,500.00	\$1,489.69	\$25,324.73	\$700.00	\$11,900.00
7	FAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	22	\$1,000.00	\$22,000.00	\$2,815.53	\$61,941.66	\$1,500.00	\$33,000.00
8	12" X 8" TAPPING SLEEVE AND VALVE, WITH BOX, COMPLETE IN PLACE	EA	1	\$6,454.00	\$6,454.00	\$10,650.45	\$10,650.45	\$5,600.00	\$5,600.00
9	REMOVE EXISTING PLUG AND CLAMP AND CONNECT TO EXISTING 8" WATER LINE WET CONNECT ALONG FUQUA, COMPLETE IN PLACE	EA	1	\$678.00	\$678.00	\$1,593.23	\$1,593.23	\$450.00	\$450.00
10	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	9	\$1,261.00	\$11,349.00	\$1,891.50	\$17,023.50	\$1,200.00	\$10,800.00
11	REMOVE AND DISPOSE OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	2	\$678.00	\$1,356.00	\$505.16	\$1,010.32	\$450.00	\$900.00
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPIILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	897	\$3.00	\$2,691.00	\$1.15	\$1,031.55	\$1.00	\$897.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6461	\$0.10	\$646.10	\$1.00	\$6,461.00	\$0.10	\$646.10

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING ALONG KIER ROAD (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1210	\$2.00	\$2,420.00	\$7.15	\$8,651.50	\$6.00	\$7,260.00
15	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG NORTH RIGHT-OF-WAY OF FUQUA STREET, COMPLETE IN PLACE	LF	1100	\$2.00	\$2,200.00	\$7.15	\$7,865.00	\$6.00	\$6,600.00
SECTION 4 WATER LINE ITEMS SUBTOTAL:					\$441,989.10		\$516,391.55		\$521,683.10
SECTION 4 - SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1731	\$43.00	\$74,433.00	\$70.00	\$121,170.00	\$48.00	\$83,088.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	872	\$55.00	\$47,960.00	\$75.00	\$65,400.00	\$50.00	\$43,600.00
3	12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	955	\$75.00	\$71,625.00	\$75.00	\$71,625.00	\$72.00	\$68,760.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	16	\$10,000.00	\$160,000.00	\$5,000.00	\$80,000.00	\$3,200.00	\$51,200.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	75	\$203.00	\$15,225.00	\$208.40	\$15,630.00	\$200.00	\$15,000.00
6	ADD MANHOLE VENTING TO SANITARY MANHOLE, S-16, INCLUDING ALL COMPONENTS, IN ACCORDANCE WITH COH DETAIL 2082-06, COMPLETE IN PLACE	EA	1	\$3,449.00	\$3,449.00	\$2,316.10	\$2,316.10	\$3,800.00	\$3,800.00
7	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$77.00	\$154.00	\$209.62	\$419.24	\$50.00	\$100.00
8	12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$194.00	\$194.00	\$297.96	\$297.96	\$200.00	\$200.00
9	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	17	\$2,314.00	\$39,338.00	\$3,220.75	\$54,752.75	\$2,700.00	\$45,900.00
10	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,305.00	\$31,320.00	\$1,942.84	\$46,628.16	\$1,100.00	\$26,400.00
11	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	3489	\$0.10	\$348.90	\$2.24	\$7,815.36	\$2.00	\$6,978.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1140	\$3.00	\$3,420.00	\$1.15	\$1,311.00	\$1.00	\$1,140.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3489	\$0.10	\$348.90	\$1.00	\$3,489.00	\$0.10	\$348.90
SECTION 4 - SANITARY SEWER ITEMS SUBTOTAL:					\$447,815.80		\$470,854.57		\$346,514.90

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

				1) PRINCIPAL SERVICES, LTD.		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 4 - DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2290	\$100.00	\$229,000.00	\$109.21	\$250,090.90	\$98.00	\$224,420.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	624	\$122.00	\$76,128.00	\$134.96	\$84,215.04	\$130.00	\$81,120.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	77	\$179.00	\$13,783.00	\$183.66	\$14,141.82	\$180.00	\$13,860.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	138	\$238.00	\$32,844.00	\$238.20	\$32,871.60	\$235.00	\$32,430.00
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	20	\$280.00	\$5,600.00	\$282.53	\$5,650.60	\$310.00	\$6,200.00
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	594	\$397.00	\$235,818.00	\$396.13	\$235,301.22	\$385.00	\$228,690.00
7	60-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$484.00	\$27,588.00	\$489.84	\$27,920.88	\$495.00	\$28,215.00
8	5'X4' REINFORCED CONCRETE BOX CULVERT, ASTM C-1577, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	98	\$590.00	\$57,820.00	\$578.36	\$56,679.28	\$585.00	\$57,330.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	17	\$3,164.00	\$53,788.00	\$2,774.87	\$47,172.79	\$3,300.00	\$56,100.00
10	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, COMPLETE IN PLACE	EA	9	\$4,377.00	\$39,393.00	\$6,010.31	\$54,092.79	\$7,000.00	\$63,000.00
11	REINFORCED 8'X8' JUNCTION BOX (J.B. A19) WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$14,285.00	\$42,855.00	\$14,611.27	\$43,833.81	\$18,000.00	\$54,000.00
12	REINFORCED CONCRETE STORM SEWER JUNCTION BOX, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$8,617.00	\$17,234.00	\$19,055.67	\$38,111.34	\$19,000.00	\$38,000.00
13	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	36	\$5,000.00	\$180,000.00	\$2,872.74	\$103,418.64	\$4,400.00	\$158,400.00
14	24" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	4	\$2,807.00	\$11,228.00	\$2,331.59	\$9,326.36	\$2,300.00	\$9,200.00
15	36" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	2	\$7,045.00	\$14,090.00	\$3,350.57	\$6,701.14	\$3,500.00	\$7,000.00
16	48" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	1	\$11,633.00	\$11,633.00	\$6,286.64	\$6,286.64	\$6,600.00	\$6,600.00
17	5" REINFORCED CONCRETE SLOPE PAVING, COMPLETE IN PLACE	SY	56	\$116.00	\$6,496.00	\$86.36	\$4,836.16	\$130.00	\$7,280.00
18	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	3900	\$0.10	\$390.00	\$1.44	\$5,616.00	\$5.00	\$19,500.00
19	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	4397	\$3.00	\$13,191.00	\$1.15	\$5,056.55	\$1.00	\$4,397.00
20	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3647	\$0.10	\$364.70	\$1.00	\$3,647.00	\$0.10	\$364.70

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 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG RIGHT-OF-WAY OF ALLISON ROAD, COMPLETE IN PLACE	LF	1195	\$2.00	\$2,390.00	\$7.15	\$8,544.25	\$6.00	\$7,170.00
22	OUTFALL SLOPE PROTECTION NO. 3 FOR 5' X 4' BOX CULVERTS, INCLUDES 5" SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIPRAP AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$11,514.00	\$11,514.00	\$9,600.00	\$9,600.00
23	42" CONCRETE HEADWALL WITH SAFETY END TREATMENT, (TO BE USED ONLY WITH WRITTEN DIRECTION FROM THE ENGINEER), COMPLETE IN PLACE	EA	1	\$6,182.00	\$6,182.00	\$4,605.60	\$4,605.60	\$6,600.00	\$6,600.00
SECTION 4 - DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$1,078,815.70		\$1,059,634.41		\$1,119,476.70
SECTION 4 - PAVING ITEMS									
1	6" THICK REINFORCED CONCRETE PAVEMENT, 3500 PSI, COMPLETE IN PLACE	SY	12074	\$56.00	\$676,144.00	\$55.00	\$664,070.00	\$57.00	\$688,218.00
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3246	\$3.50	\$11,361.00	\$4.61	\$14,964.06	\$5.00	\$16,230.00
3	6" REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3646	\$3.50	\$12,761.00	\$4.61	\$16,808.06	\$5.00	\$18,230.00
4	8" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	12826	\$6.00	\$76,956.00	\$5.76	\$73,877.76	\$5.00	\$64,130.00
5	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	308	\$330.00	\$101,640.00	\$402.99	\$124,120.92	\$350.00	\$107,800.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE	SY	2261	\$73.00	\$165,053.00	\$69.08	\$156,189.88	\$72.00	\$162,792.00
7	ADJUST AND RE-ANCHOR FLEX-A-MAT SPILLWAY LINER FOR PLACEMENT OF 5' SIDEWALK, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$17,271.00	\$17,271.00	\$8,800.00	\$8,800.00
8	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	26	\$1,500.00	\$39,000.00	\$1,727.10	\$44,904.60	\$2,100.00	\$54,600.00
9	FINAL LOT GRADING OF LOTS AND RESERVES, INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL 95% STANDARD PROCTOR DENSITY, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	86	\$250.00	\$21,500.00	\$287.85	\$24,755.10	\$250.00	\$21,500.00
10	CONCRETE PAVEMENT HEADER; COMPLETE IN PLACE	LF	137	\$25.00	\$3,425.00	\$28.79	\$3,944.23	\$30.00	\$4,110.00
11	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$1,381.68	\$5,526.72	\$1,200.00	\$4,800.00
12	EXISTING SWALE ALONG KIER ROAD TO BE REMOVED AND DEMUCKED, COMPLETE IN PLACE	LF	1900	\$8.00	\$15,200.00	\$5.76	\$10,944.00	\$5.00	\$9,500.00
13	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2138	\$8.10	\$17,317.80	\$9.21	\$19,690.98	\$6.00	\$12,828.00
14	AS-BUILT SURVEY OF LOT GRADING	LS	1	\$7,000.00	\$7,000.00	\$10,362.60	\$10,362.60	\$30,000.00	\$30,000.00
15	1" MILL AND OVERLAY EXISTING ASPHALT PAVEMENT. REPAIR BASE WHERE NEEDED.	SY	1321	\$40.50	\$53,500.50	\$34.43	\$45,482.03	\$50.00	\$66,050.00
16	ALLISON ROAD ROADSIDE DITCH REGRAIDING	LF	1310	\$5.00	\$6,550.00	\$5.76	\$7,545.60	\$5.00	\$6,550.00

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 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	KIER ROAD ROADSIDE DITCH REGRADING	LF	400	\$5.00	\$2,000.00	\$5.76	\$2,304.00	\$5.00	\$2,000.00
18	RESTORE ALLISON ROAD UPON REMOVAL OF RCB, INCLUDES BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY, STABILIZED BASE COURSE, AND 1.5" HMAC SURFACE, COMPLETE IN PLACE	LS	1	\$10,900.00	\$10,900.00	\$57,570.00	\$57,570.00	\$9,900.00	\$9,900.00
SECTION 4 - PAVING ITEMS SUBTOTAL:					\$1,226,808.30		\$1,300,331.54		\$1,288,038.00
SECTION 4 - MISCELLANEOUS ITEMS									
1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$500.00	\$500.00	\$5,757.00	\$5,757.00	\$2,200.00	\$2,200.00
2	TRAFFIC CONTROL PLAN	LS	1	\$5,000.00	\$5,000.00	\$5,757.00	\$5,757.00	\$16,000.00	\$16,000.00
3	PLACEMENT OF STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$1,000.00	\$1,000.00	\$1,727.10	\$1,727.10	\$3,000.00	\$3,000.00
4	INSTALL, MAINTAIN AND REMOVE REINFORCED FILTER FABRIC FENCE	LF	8487	\$0.10	\$848.70	\$2.24	\$19,010.88	\$2.00	\$16,974.00
5	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	24	\$10.00	\$240.00	\$143.93	\$3,454.32	\$50.00	\$1,200.00
6	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING 2-3/8" DIAMETER PIPE, STOP SIGNS, STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, TRAFFIC BUTTONS AND STRIPING, ETC., COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$15,505.90	\$15,505.90	\$30,000.00	\$30,000.00
7	IMPORT FILL, INCLUDES HAUL FROM DESIGNATED STOCKPILE, USING ON ROAD TRUCKS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND FINAL SITE GRADING, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	2500	\$11.10	\$27,750.00	\$28.79	\$71,975.00	\$8.00	\$20,000.00
8	DEVELOPER'S BONDS AS REQUIRED BY CITY OF HOUSTON	LS	1	\$20,000.00	\$20,000.00	\$71,420.00	\$71,420.00	\$60,000.00	\$60,000.00
9	DUAL 6" PVC IRRIGATION SLEEVES, CLASS 200 PIPE, COMPLETE IN PLACE	LF	480	\$55.00	\$26,400.00	\$34.96	\$16,780.80	\$80.00	\$38,400.00
SECTION 4 - MISCELLANEOUS ITEMS SUBTOTAL:					\$101,738.70		\$211,388.00		\$187,774.00
SECTION 5 - WATER LINE ITEMS									
1	8" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	2295	\$38.00	\$87,210.00	\$34.51	\$79,200.45	\$40.00	\$91,800.00
2	8" C-900 DR 18 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	462	\$47.00	\$21,714.00	\$44.45	\$20,535.90	\$55.00	\$25,410.00
3	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	4	\$1,838.00	\$7,352.00	\$2,017.43	\$8,069.72	\$2,100.00	\$8,400.00
4	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	4	\$7,002.00	\$28,008.00	\$7,890.27	\$31,561.08	\$7,200.00	\$28,800.00
5	NEAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	22	\$500.00	\$11,000.00	\$1,489.69	\$32,773.18	\$700.00	\$15,400.00
6	FAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	28	\$1,000.00	\$28,000.00	\$2,815.53	\$78,834.84	\$1,500.00	\$42,000.00
7	REMOVE EXISTING PLUG AND CLAMP WITH BLOW OFF VALVE, AND CONNECT TO EXISTING 8" WATER LINE	EA	4	\$679.00	\$2,716.00	\$1,593.23	\$6,372.92	\$450.00	\$1,800.00
8	8" X 8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$678.00	\$678.00	\$1,593.23	\$1,593.23	\$450.00	\$450.00

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	369	\$3.00	\$1,107.00	\$1.15	\$424.35	\$1.00	\$369.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2757	\$0.10	\$275.70	\$1.00	\$2,757.00	\$0.10	\$275.70
SECTION 5 - WATER LINE ITEMS SUBTOTAL:					\$188,060.70		\$262,122.67		\$214,704.70
SECTION 5 - SANITARY SEWER ITEMS									
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	858	\$45.00	\$38,610.00	\$60.00	\$51,480.00	\$45.00	\$38,610.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	660	\$50.00	\$33,000.00	\$70.00	\$46,200.00	\$50.00	\$33,000.00
3	12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1385	\$75.00	\$103,875.00	\$75.00	\$103,875.00	\$70.00	\$96,950.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	13	\$10,000.00	\$130,000.00	\$5,000.00	\$65,000.00	\$3,200.00	\$41,600.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	28	\$202.00	\$5,656.00	\$208.40	\$5,835.20	\$250.00	\$7,000.00
6	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$77.00	\$154.00	\$209.62	\$419.24	\$50.00	\$100.00
7	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$2,179.00	\$47,938.00	\$2,990.59	\$65,792.98	\$2,700.00	\$59,400.00
8	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,299.00	\$36,372.00	\$1,693.34	\$47,413.52	\$1,100.00	\$30,800.00
9	CORE EXISTING SANITARY SEWER MANHOLE TO CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$385.00	\$385.00	\$3,531.33	\$3,531.33	\$2,000.00	\$2,000.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$147.00	\$147.00	\$3,531.33	\$3,531.33	\$2,000.00	\$2,000.00
11	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2903	\$0.10	\$290.30	\$2.24	\$6,502.72	\$2.00	\$5,806.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	896	\$3.00	\$2,688.00	\$1.15	\$1,030.40	\$1.00	\$896.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2903	\$0.10	\$290.30	\$1.00	\$2,903.00	\$0.10	\$290.30
SECTION 5 - SANITARY SEWER ITEMS SUBTOTAL:					\$399,405.60		\$403,514.72		\$318,452.30

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

				1) PRINCIPAL SERVICES, LTD.		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION 5 - DRAINAGE FACILITIES ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	347	\$100.00	\$34,700.00	\$109.21	\$37,895.87	\$105.00	\$36,435.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	544	\$122.00	\$66,368.00	\$134.96	\$73,418.24	\$130.00	\$70,720.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	809	\$179.00	\$144,811.00	\$183.66	\$148,580.94	\$175.00	\$141,575.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	900	\$238.00	\$214,200.00	\$238.20	\$214,380.00	\$230.00	\$207,000.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	14	\$3,471.00	\$48,594.00	\$2,774.87	\$38,848.18	\$4,200.00	\$58,800.00
6	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	12	\$4,014.00	\$48,168.00	\$2,872.74	\$34,472.88	\$4,400.00	\$52,800.00
7	TYPE "E" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	1	\$3,029.00	\$3,029.00	\$2,366.13	\$2,366.13	\$2,900.00	\$2,900.00
8	REMOVE EXISTING 30-INCH PLUG AND CONNECT PROPOSED 36-INCH RCP, COMPLETE IN PLACE	EA	1	\$332.00	\$332.00	\$2,014.95	\$2,014.95	\$700.00	\$700.00
9	REMOVE EXISTING 42-INCH PLUG AND CONNECT PROPOSED 42-INCH RCP, COMPLETE IN PLACE	EA	1	\$332.00	\$332.00	\$2,014.95	\$2,014.95	\$700.00	\$700.00
10	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2496	\$0.10	\$249.60	\$1.44	\$3,594.24	\$5.00	\$12,480.00
11	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	3243	\$3.00	\$9,729.00	\$1.15	\$3,729.45	\$1.00	\$3,243.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2496	\$0.10	\$249.60	\$1.00	\$2,496.00	\$0.10	\$249.60
SECTION 5 - DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$570,762.20		\$563,811.83		\$587,602.60
SECTION 5 - PAVING ITEMS									
1	6" THICK REINFORCED 3,500 PSI CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	10077	\$56.00	\$564,312.00	\$55.00	\$554,235.00	\$57.00	\$574,389.00
2	4"x12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	4185	\$3.50	\$14,647.50	\$4.61	\$19,292.85	\$5.00	\$20,925.00
3	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2165	\$3.50	\$7,577.50	\$4.61	\$9,980.65	\$5.00	\$10,825.00
4	8" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	10782	\$6.00	\$64,692.00	\$5.76	\$62,104.32	\$5.00	\$53,910.00
5	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER; COMPLETE IN PLACE	TON	260	\$330.00	\$85,800.00	\$402.99	\$104,777.40	\$350.00	\$91,000.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE	SY	1624	\$73.00	\$118,552.00	\$69.08	\$112,185.92	\$75.00	\$121,800.00
7	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	24	\$1,500.00	\$36,000.00	\$1,727.10	\$41,450.40	\$2,100.00	\$50,400.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	FINAL LOT GRADING OF LOTS AND RESERVES, INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL 95% STANDARD PROCTOR DENSITY, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	102	\$250.00	\$25,500.00	\$287.85	\$29,360.70	\$250.00	\$25,500.00
9	CONCRETE PAVEMENT HEADER; COMPLETE IN PLACE	LF	242	\$25.00	\$6,050.00	\$28.79	\$6,967.18	\$30.00	\$7,260.00
10	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$1,381.68	\$4,145.04	\$1,200.00	\$3,600.00
11	EXISTING SWALE ALONG KIER ROAD TO BE REMOVED AND DEMUCKED, COMPLETE IN PLACE	LF	1230	\$8.00	\$9,840.00	\$3.45	\$4,243.50	\$5.00	\$6,150.00
12	1.5" TYPE "D" HOT MIX ASPHALT CONCRETE WITH 6" FLEXIBLE BASE AND PRIME COAT, 8" STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	255	\$63.60	\$16,218.00	\$26.73	\$6,816.15	\$75.00	\$19,125.00
13	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1797	\$3.00	\$5,391.00	\$1.15	\$2,066.55	\$6.00	\$10,782.00
14	1.5' FLUSH CURB, PER COH DETAIL, COMPLETE IN PLACE	LF	230	\$5.00	\$1,150.00	\$23.03	\$5,296.90	\$12.00	\$2,760.00
SECTION 5 - PAVING ITEMS SUBTOTAL:					\$958,730.00		\$962,922.56		\$998,426.00
SECTION 5 - MISCELLANEOUS ITEMS									
1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$500.00	\$500.00	\$5,757.00	\$5,757.00	\$2,200.00	\$2,200.00
2	TRAFFIC CONTROL PLAN	LS	1	\$5,000.00	\$5,000.00	\$5,757.00	\$5,757.00	\$20,208.13	\$20,208.13
3	PLACEMENT OF STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$1,000.00	\$1,000.00	\$1,727.10	\$1,727.10	\$3,000.00	\$3,000.00
4	INSTALL, MAINTAIN AND REMOVE REINFORCED FILTER FABRIC FENCE	LF	8162	\$0.10	\$816.20	\$2.24	\$18,282.88	\$1.50	\$12,243.00
5	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	13	\$10.00	\$130.00	\$143.93	\$1,871.09	\$50.00	\$650.00
6	UTILITY SPOILS DISPOSAL (ON-SITE PLACEMENT AND COMPACTION); COMPLETE IN PLACE	CY	4508	\$3.00	\$13,524.00	\$1.15	\$5,184.20	\$1.00	\$4,508.00
7	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING 2 3/8" DIAMETER PIPE, STOP SIGNS, STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, TRAFFIC BUTTONS AND STRIPING, ETC., COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$14,658.47	\$14,658.47	\$28,000.00	\$28,000.00
8	IMPORT FILL, INCLUDES HAUL FROM DESIGNATED STOCKPILE, USING OFF ROAD TRUCKS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND FINAL SITE GRADING, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	4797	\$8.10	\$38,855.70	\$28.79	\$138,105.63	\$8.00	\$38,376.00
9	DEVELOPERS BONDS AS REQUIRED BY CITY OF HOUSTON, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$48,000.00	\$48,000.00	\$150,000.00	\$150,000.00
10	RELOCATE EXISTING UTILITY POLE AS NEEDED FOR ROADWAY OR UTILITY CONSTRUCTION, INCLUDING UTILITY CO. COORDINATION, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$5,757.00	\$11,514.00	\$3,000.00	\$6,000.00
11	REMOVE EXISTING GATE AND FENCE POSTS AS REQUIRED FOR FUQUA STREET CONSTRUCTION AT KIER ROAD, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$5,757.00	\$5,757.00	\$3,000.00	\$3,000.00
12	DUAL 6" PVC IRRIGATION SLEEVES, CLASS 200 PIPE, COMPLETE IN PLACE	LF	320	\$55.00	\$17,600.00	\$34.96	\$11,187.20	\$80.00	\$25,600.00
SECTION 5 - MISCELLANEOUS ITEMS SUBTOTAL:					\$121,425.90		\$267,801.57		\$293,785.13

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

1) PRINCIPAL SERVICES, LTD.						2) CE BARKER LTD.		3) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ALTERNATE BID ITEMS									
1	OFF-SITE DISPOSAL OF UTILITY SPOILS IN LIEU OF SECTION 4 WATER LINE ITEM NO. 12, SECTION 4 SANITARY SEWER LINE ITEM NO. 12, AND SECTION 4 DRAINAGE FACILITIES ITEM NO. 19, COMPLETE IN PLACE	CY	6434	\$25.00	\$160,850.00	\$34.54	\$222,230.36	\$20.00	\$128,680.00
2	OFF-SITE DISPOSAL OF UTILITY SPOILS IN LIEU OF SECTION 5 WATER LINE ITEM NO. 9, SECTION 5 SANITARY SEWER LINE ITEM NO. 12 AND SECTION 5 DRAINAGE FACILITIES ITEM NO. 11, COMPLETE IN PLACE	CY	4508	\$25.00	\$112,700.00	\$34.54	\$155,706.32	\$20.00	\$90,160.00
ALTERNATE BID ITEMS SUBTOTAL:					\$273,550.00		\$377,936.68		\$218,840.00
BIDDING SUMMARY									
SUBTOTAL 12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS					\$122,149.80		\$124,107.78		\$184,112.80
SUBTOTAL 12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS					\$236,205.80		\$205,926.45		\$289,182.40
SUBTOTAL 12" W.L./15" SAN. - MISCELLANEOUS ITEMS					\$25,500.00		\$23,754.00		\$76,200.00
SUBTOTAL 15" SAN. - 15" SANITARY SEWER ITEMS					\$333,944.20		\$321,376.75		\$500,550.90
SUBTOTAL 15" SAN. - MISCELLANEOUS ITEMS					\$5,500.00		\$11,514.00		\$16,200.00
SUBTOTAL SECTION 4 - SITE PREPARATION					\$30,000.00		\$69,084.00		\$31,600.00
SUBTOTAL SECTION 4 WATER LINE ITEMS					\$441,989.10		\$516,391.55		\$521,683.10
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS					\$447,815.80		\$470,854.57		\$346,514.90
SUBTOTAL SECTION 4 - DRAINAGE FACILITIES ITEMS					\$1,078,815.70		\$1,059,634.41		\$1,119,476.70
SUBTOTAL SECTION 4 - PAVING ITEMS					\$1,226,808.30		\$1,300,331.54		\$1,288,038.00
SUBTOTAL SECTION 4 - MISCELLANEOUS ITEMS					\$101,738.70		\$211,388.00		\$187,774.00
SUBTOTAL SECTION 5 - WATER LINE ITEMS					\$188,060.70		\$262,122.67		\$214,704.70
SUBTOTAL SECTION 5 - SANITARY SEWER ITEMS					\$399,405.60		\$403,514.72		\$318,452.30
SUBTOTAL SECTION 5 - DRAINAGE FACILITIES ITEMS					\$570,762.20		\$563,811.83		\$587,602.60
SUBTOTAL SECTION 5 - PAVING ITEMS					\$958,730.00		\$962,922.56		\$998,426.00
SUBTOTAL SECTION 5 - MISCELLANEOUS ITEMS					\$121,425.90		\$267,801.57		\$293,785.13
TOTAL AMOUNT BASE BID					\$6,288,851.80		\$6,774,536.40		\$6,974,303.53
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$6,288,851.80		\$6,774,536.40		\$6,974,303.53
DEDUCT SECTION 4 WATER LINE ITEMS ITEM NO.12					-\$2,691.00		-\$1,031.55		-\$897.00
DEDUCT SECTION 4 - SANITARY SEWER ITEMS ITEM NO.12					-\$3,420.00		-\$1,311.00		-\$1,140.00
DEDUCT SECTION 4 - DRAINAGE FACILITIES ITEMS ITEM NO.19					-\$13,191.00		-\$5,056.55		-\$4,397.00
DEDUCT SECTION 5 - WATER LINE ITEMS ITEM NO.9					-\$1,107.00		-\$424.35		-\$369.00
DEDUCT SECTION 5 - SANITARY SEWER ITEMS ITEM NO.12					-\$2,688.00		-\$1,030.40		-\$896.00
DEDUCT SECTION 5 - DRAINAGE FACILITIES ITEMS ITEM NO.11					-\$9,729.00		-\$3,729.45		-\$3,243.00
SUBTOTAL ALTERNATE BID ITEMS					\$273,550.00		\$377,936.68		\$218,840.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$6,529,575.80		\$7,139,889.78		\$7,182,201.53

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

BID OPENING DATE:
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LJA JOB NO.

LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS					
1	8" C900 DR18 PVC WATER PIPE, CLASS 235, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	35	\$85.00	\$2,975.00
2	8" PVC RESTRAINED JOINT WATER LINE, C900 DR18, CLASS 235, OPEN CUT, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS; COMPLETE IN PLACE	LF	140	\$83.00	\$11,620.00
3	TRENCHLESS CONSTRUCTION FOR 8" WATER LINE (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	30	\$72.00	\$2,160.00
4	12" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	890	\$100.00	\$89,000.00
5	12" PVC RESTRAINED JOINT WATER LINE, C900 DR18, CLASS 235, OPEN CUT, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS; COMPLETE IN PLACE	LF	63	\$140.00	\$8,820.00
6	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	5	\$1,927.00	\$9,635.00
7	12" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	3	\$3,740.00	\$11,220.00
8	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED WATER LINE TO EXISTING 12" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$1,062.00	\$1,062.00
9	REMOVE AND DISPOSE OF EXISTING PLUG AND CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED WATER LINE TO EXISTING 8" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	1	\$648.00	\$648.00
10	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$1,833.00	\$5,499.00
11	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	2	\$7,171.00	\$14,342.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1078	\$0.10	\$107.80
12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS SUBTOTAL:					\$157,088.80
12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS					
1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	810	\$143.00	\$115,830.00
2	10" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	14	\$99.00	\$1,386.00
3	TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	166	\$116.00	\$19,256.00
4	48" DIAMETER STANDARD SEWER MANHOLE, ALL DEPTHS, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	4	\$6,296.00	\$25,184.00
5	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	1004	\$2.00	\$2,008.00
6	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 15" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$2,036.00	\$2,036.00
7	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$1,345.00	\$1,345.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.****12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS**

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	15" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$328.00	\$328.00
9	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	495	\$76.00	\$37,620.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	824	\$0.10	\$82.40
11	ABANDON EXISTING 12" SANITARY SEWER IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	803	\$14.00	\$11,242.00
12	ABANDON EXISTING SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	EA	1	\$2,091.00	\$2,091.00
13	CONNECT EXISTING 6" OR 8" SANITARY SEWER LEADS FROM NORTH ADJACENT TRACTS TO PROPOSED 15" SANITARY SEWER	EA	2	\$2,234.00	\$4,468.00
14	MILL AND OVERLAY ASPHALT PAVEMENT FOR SANITARY SEWER CONSTRUCTION, COMPLETE IN PLACE	SY	719	\$43.00	\$30,917.00
15	REMOVE AND REPLACE EXISTING SANITARY SEWER MANHOLE, INCLUDES INFLOW PROTECTION, COMPLETE IN PLACE (TO BE USED ONLY WITH WRITTEN DIRECTION FROM THE ENGINEER)	EA	1	\$7,273.00	\$7,273.00
16	DEWATERING AS AUTHORIZED BY ENGINEER, COMPLETE IN PLACE	LF	500	\$42.00	\$21,000.00
12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS SUBTOTAL:					\$282,066.40

12" W.L./15" SAN. - MISCELLANEOUS ITEMS

1	SWPPP	LS	1	\$2,460.00	\$2,460.00
2	TRAFFIC CONTROL PLAN	LS	1	\$21,492.00	\$21,492.00
3	DEVELOPER'S BONDS AS REQUIRED BY CITY OF HOUSTON	LS	1	\$9,583.00	\$9,583.00
12" W.L./15" SAN. - MISCELLANEOUS ITEMS SUBTOTAL:					\$33,535.00

15" SAN. - 15" SANITARY SEWER ITEMS

1	15" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	1166	\$124.00	\$144,584.00
2	TRENCHLESS CONSTRUCTION OF 15" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	226	\$102.00	\$23,052.00
3	12" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	41	\$109.00	\$4,469.00
4	TRENCHLESS CONSTRUCTION OF 12" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	27	\$113.00	\$3,051.00
5	10" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	25	\$68.00	\$1,700.00
6	TRENCHLESS CONSTRUCTION OF 10" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	26	\$117.00	\$3,042.00
7	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 35, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	42	\$86.00	\$3,612.00

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
 PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
 AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2024
 LJA ENGINEERING, INC.
 C CORTEZ
 FEBRUARY 8, 2024
 2835-2104 (9.2)

1LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	8" GREEN, C-900, DR-18, CLASS 235, PVC SANITARY FORCE MAIN REALIGNMENT, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	30	\$266.00	\$7,980.00
9	TRENCHLESS CONSTRUCTION OF 8" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES RESTRAINED JOINT PIPE, BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	25	\$122.00	\$3,050.00
10	48" DIAMETER STANDARD SEWER MANHOLE, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	10	\$5,769.00	\$57,690.00
11	CORROSION RESISTANT SEWER MANHOLE, (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	1	\$15,829.00	\$15,829.00
12	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	1608	\$2.00	\$3,216.00
13	REMOVE EXISTING PLUG AND CONNECT TO PROPOSED 15" SANITARY SEWER LINE, COMPLETE IN PLACE	EA	1	\$442.00	\$442.00
14	15" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$328.00	\$328.00
15	12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$167.00	\$167.00
16	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00
17	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1279	\$0.12	\$153.48
18	ABANDON EXISTING SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	EA	2	\$2,091.00	\$4,182.00
19	ABANDON EXISTING 8" SANITARY SEWER FORCE MAIN IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	730	\$14.00	\$10,220.00
20	ABANDON EXISTING 10" SANITARY SEWER IN ACCORDANCE WITH CITY OF HOUSTON SPECIFICATION NO. 02222, COMPLETE IN PLACE	LF	821	\$14.00	\$11,494.00
21	MILL AND OVERLAY ASPHALT PAVEMENT FOR SANITARY SEWER CONSTRUCTION, COMPLETE IN PLACE	SY	719	\$43.00	\$30,917.00
22	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	661	\$72.00	\$47,592.00
23	REMOVE AND REPLACE ASPHALT PAVEMENT (FOR SANITARY SEWER CONSTRUCTION), COMPLETE IN PLACE	SY	713	\$70.00	\$49,910.00
24	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG NORTH RIGHT-OF-WAY OF ALLISON ROAD, COMPLETE IN PLACE	LF	1330	\$12.00	\$15,960.00
15" SAN. - 15" SANITARY SEWER ITEMS SUBTOTAL:					\$442,740.48
15" SAN. - MISCELLANEOUS ITEMS					
1	SWPPP	LS	1	\$2,460.00	\$2,460.00
2	TRAFFIC CONTROL PLAN	LS	1	\$21,492.00	\$21,492.00
15" SAN. - MISCELLANEOUS ITEMS SUBTOTAL:					\$23,952.00

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

1LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SECTION 4 - SITE PREPARATION					
1	REMOVAL OF EXISTING DRIVEWAYS ALONG ALLISON ROAD SOUTH RIGHT-OF-WAY, INCLUDES PAVEMENT, FENCING, GATE, CULVERTS, HEADWALLS, COMPLETE IN PLACE	LS	1	\$66,659.00	\$66,659.00
2	DEMOLISH EXISTING 4'X6' RCB STORM SEWERS BENEATH ALLISON ROAD, INCLUDES GUARD RAILS, HEADWALLS, AND PAVEMENT AS NEEDED, WITH OFF-SITE DISPOSAL, COMPLETE IN PLACE	LS	1	\$19,460.00	\$19,460.00
SECTION 4 - SITE PREPARATION SUBTOTAL:					\$86,119.00
SECTION 4 WATER LINE ITEMS					
1	8" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	5622	\$55.00	\$309,210.00
2	8" C900 DR18 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	841	\$69.00	\$58,029.00
3	8" C900 DR14 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	118	\$130.00	\$15,340.00
4	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	26	\$3,197.00	\$83,122.00
5	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	10	\$8,002.00	\$80,020.00
6	NEAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	17	\$682.00	\$11,594.00
7	FAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	22	\$1,190.00	\$26,180.00
8	12" X 8" TAPPING SLEEVE AND VALVE, WITH BOX, COMPLETE IN PLACE	EA	1	\$6,053.00	\$6,053.00
9	REMOVE EXISTING PLUG AND CLAMP AND CONNECT TO EXISTING 8" WATER LINE WET CONNECT ALONG FUQUA, COMPLETE IN PLACE	EA	1	\$648.00	\$648.00
10	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	9	\$1,756.00	\$15,804.00
11	REMOVE AND DISPOSE OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	2	\$649.00	\$1,298.00
12	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	897	\$2.00	\$1,794.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	6461	\$0.10	\$646.10

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PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

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

TLC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
14	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING ALONG KIER ROAD (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1210	\$21.00	\$25,410.00
15	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG NORTH RIGHT-OF-WAY OF FUQUA STREET, COMPLETE IN PLACE	LF	1100	\$21.00	\$23,100.00
SECTION 4 WATER LINE ITEMS SUBTOTAL:					\$658,248.10
SECTION 4 - SANITARY SEWER ITEMS					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1731	\$220.00	\$380,820.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	872	\$84.00	\$73,248.00
3	12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	955	\$82.00	\$78,310.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	16	\$5,815.00	\$93,040.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	75	\$234.00	\$17,550.00
6	ADD MANHOLE VENTING TO SANITARY MANHOLE, S-16, INCLUDING ALL COMPONENTS, IN ACCORDANCE WITH COH DETAIL 2082-06, COMPLETE IN PLACE	EA	1	\$4,880.00	\$4,880.00
7	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00
8	12" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$167.00	\$167.00
9	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	17	\$2,648.00	\$45,016.00
10	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,063.00	\$25,512.00
11	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	3489	\$2.00	\$6,978.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1140	\$2.00	\$2,280.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3489	\$0.12	\$418.68
SECTION 4 - SANITARY SEWER ITEMS SUBTOTAL:					\$728,319.68

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PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

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

TLC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SECTION 4 - DRAINAGE FACILITIES ITEMS					
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2290	\$126.00	\$288,540.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	624	\$171.00	\$106,704.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	77	\$218.00	\$16,786.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	138	\$255.00	\$35,190.00
5	48-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	20	\$344.00	\$6,880.00
6	54-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	594	\$429.00	\$254,826.00
7	60-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$498.00	\$28,386.00
8	5'X4' REINFORCED CONCRETE BOX CULVERT, ASTM C-1577, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	98	\$583.00	\$57,134.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	17	\$4,129.00	\$70,193.00
10	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, COMPLETE IN PLACE	EA	9	\$8,013.00	\$72,117.00
11	REINFORCED 8'X8' JUNCTION BOX (J.B. A19) WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$16,452.00	\$49,356.00
12	REINFORCED CONCRETE STORM SEWER JUNCTION BOX, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$16,452.00	\$32,904.00
13	TYPE "B-B" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	36	\$4,584.00	\$165,024.00
14	24" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	4	\$1,502.00	\$6,008.00
15	36" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	2	\$2,583.00	\$5,166.00
16	48" CONCRETE HEADWALL WITH SAFETY END TREATMENT, COMPLETE IN PLACE	EA	1	\$5,956.00	\$5,956.00
17	5" REINFORCED CONCRETE SLOPE PAVING, COMPLETE IN PLACE	SY	56	\$151.00	\$8,456.00
18	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	3900	\$2.00	\$7,800.00
19	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	4397	\$2.00	\$8,794.00
20	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3647	\$0.10	\$364.70

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
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FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

PLC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
21	REGRADE AND HYDROMULCH SEED EXISTING ROADSIDE DITCH, INCLUDES WATERING, ALONG RIGHT-OF-WAY OF ALLISON ROAD, COMPLETE IN PLACE	LF	1195	\$21.00	\$25,095.00
22	OUTFALL SLOPE PROTECTION NO. 3 FOR 5' X 4' BOX CULVERTS, INCLUDES 5" SLOPE PAVING, TOE WALLS, 18" THICK CONCRETE RIPRAP AND GEOTEXTILE FABRIC, COMPLETE IN PLACE	EA	1	\$14,380.00	\$14,380.00
23	42" CONCRETE HEADWALL WITH SAFETY END TREATMENT, (TO BE USED ONLY WITH WRITTEN DIRECTION FROM THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5,716.00	\$5,716.00

SECTION 4 - DRAINAGE FACILITIES ITEMS SUBTOTAL:**\$1,271,775.70****SECTION 4 - PAVING ITEMS**

1	6" THICK REINFORCED CONCRETE PAVEMENT, 3500 PSI, COMPLETE IN PLACE	SY	12074	\$70.00	\$845,180.00
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3246	\$6.00	\$19,476.00
3	6" REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3646	\$6.00	\$21,876.00
4	8" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	12826	\$8.00	\$102,608.00
5	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	308	\$386.00	\$118,888.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE	SY	2261	\$90.00	\$203,490.00
7	ADJUST AND RE-ANCHOR FLEX-A-MAT SPILLWAY LINER FOR PLACEMENT OF 5' SIDEWALK, COMPLETE IN PLACE	LS	1	\$832.00	\$832.00
8	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	26	\$3,156.00	\$82,056.00
9	FINAL LOT GRADING OF LOTS AND RESERVES, INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL 95% STANDARD PROCTOR DENSITY, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	86	\$1,443.00	\$124,098.00
10	CONCRETE PAVEMENT HEADER; COMPLETE IN PLACE	LF	137	\$24.00	\$3,288.00
11	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$1,260.00	\$5,040.00
12	EXISTING SWALE ALONG KIER ROAD TO BE REMOVED AND DEMUCKED, COMPLETE IN PLACE	LF	1900	\$9.00	\$17,100.00
13	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2138	\$7.00	\$14,966.00
14	AS-BUILT SURVEY OF LOT GRADING	LS	1	\$9,600.00	\$9,600.00
15	1" MILL AND OVERLAY EXISTING ASPHALT PAVEMENT. REPAIR BASE WHERE NEEDED.	SY	1321	\$24.00	\$31,704.00
16	ALLISON ROAD ROADSIDE DITCH REGRAIDING	LF	1310	\$21.00	\$27,510.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND
PAVING & APPURTENANCES TO SERVE ALLISON ROAD TRACT SECTION 4 AND SECTION 5,
AND THE 15" SANITARY SEWER EXTENSION AND 12" WATER LINE ALONG ALLISON ROAD
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 580
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

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

TLC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
17	KIER ROAD ROADSIDE DITCH REGRADING	LF	400	\$25.00	\$10,000.00
18	RESTORE ALLISON ROAD UPON REMOVAL OF RCB, INCLUDES BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY, STABILIZED BASE COURSE, AND 1.5" HMAC SURFACE, COMPLETE IN PLACE	LS	1	\$11,097.00	\$11,097.00

SECTION 4 - PAVING ITEMS SUBTOTAL:**\$1,648,809.00****SECTION 4 - MISCELLANEOUS ITEMS**

1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$5,780.00	\$5,780.00
2	TRAFFIC CONTROL PLAN	LS	1	\$21,492.00	\$21,492.00
3	PLACEMENT OF STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$3,900.00	\$3,900.00
4	INSTALL, MAINTAIN AND REMOVE REINFORCED FILTER FABRIC FENCE	LF	8487	\$3.00	\$25,461.00
5	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	24	\$150.00	\$3,600.00
6	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING 2-3/8" DIAMETER PIPE, STOP SIGNS, STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, TRAFFIC BUTTONS AND STRIPING, ETC., COMPLETE IN PLACE	LS	1	\$10,200.00	\$10,200.00
7	IMPORT FILL, INCLUDES HAUL FROM DESIGNATED STOCKPILE, USING ON ROAD TRUCKS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND FINAL SITE GRADING, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	2500	\$7.00	\$17,500.00
8	DEVELOPER'S BONDS AS REQUIRED BY CITY OF HOUSTON	LS	1	\$46,802.00	\$46,802.00
9	DUAL 6" PVC IRRIGATION SLEEVES, CLASS 200 PIPE, COMPLETE IN PLACE	LF	480	\$70.00	\$33,600.00

SECTION 4 - MISCELLANEOUS ITEMS SUBTOTAL:**\$168,335.00****SECTION 5 - WATER LINE ITEMS**

1	8" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	2295	\$55.00	\$126,225.00
2	8" C-900 DR 18 PVC RESTRAINED JOINT WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	462	\$61.00	\$28,182.00
3	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	4	\$3,135.00	\$12,540.00
4	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	4	\$8,199.00	\$32,796.00
5	NEAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	22	\$682.00	\$15,004.00
6	FAR SIDE, DOUBLE OR SINGLE 3/4" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	28	\$1,191.00	\$33,348.00
7	REMOVE EXISTING PLUG AND CLAMP WITH BLOW OFF VALVE, AND CONNECT TO EXISTING 8" WATER LINE	EA	4	\$648.00	\$2,592.00
8	8" X 8" WET CONNECTION, INCLUDES REMOVAL OF EXISTING PLUG & CLAMP AND BLOW-OFF VALVE AND CONNECTION TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	1	\$648.00	\$648.00

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CITY OF HOUSTON, HARRIS COUNTY, TEXAS
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LJA ENGINEERING, INC.
C CORTEZ
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LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	UTILITY SPOILS TO BE USED ON SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	369	\$2.00	\$738.00
10	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2757	\$0.10	\$275.70
SECTION 5 - WATER LINE ITEMS SUBTOTAL:					\$252,348.70
SECTION 5 - SANITARY SEWER ITEMS					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	858	\$62.00	\$53,196.00
2	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	660	\$62.00	\$40,920.00
3	12" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1385	\$82.00	\$113,570.00
4	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0'-8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	13	\$5,815.00	\$75,595.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	28	\$234.00	\$6,552.00
6	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00
7	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$2,606.00	\$57,332.00
8	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,058.00	\$29,624.00
9	CORE EXISTING SANITARY SEWER MANHOLE TO CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,064.00	\$1,064.00
10	REMOVE SANITARY SEWER PLUG AND CONNECT PROPOSED 12" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$321.00	\$321.00
11	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2903	\$2.00	\$5,806.00
12	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	896	\$2.00	\$1,792.00
13	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2903	\$0.10	\$290.30
SECTION 5 - SANITARY SEWER ITEMS SUBTOTAL:					\$386,162.30

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CITY OF HOUSTON, HARRIS COUNTY, TEXAS
FEBRUARY 8, 2024
LJA ENGINEERING, INC.
C CORTEZ
FEBRUARY 8, 2024
2835-2104 (9.2)

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TLC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SECTION 5 - DRAINAGE FACILITIES ITEMS					
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	347	\$127.00	\$44,069.00
2	30-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	544	\$153.00	\$83,232.00
3	36-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	809	\$195.00	\$157,755.00
4	42-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	900	\$249.00	\$224,100.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	14	\$4,933.00	\$69,062.00
6	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	12	\$4,584.00	\$55,008.00
7	TYPE "E" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	1	\$4,056.00	\$4,056.00
8	REMOVE EXISTING 30-INCH PLUG AND CONNECT PROPOSED 36-INCH RCP, COMPLETE IN PLACE	EA	1	\$428.00	\$428.00
9	REMOVE EXISTING 42-INCH PLUG AND CONNECT PROPOSED 42-INCH RCP, COMPLETE IN PLACE	EA	1	\$428.00	\$428.00
10	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2496	\$2.00	\$4,992.00
11	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	3243	\$2.00	\$6,486.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2496	\$0.10	\$249.60
SECTION 5 - DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$649,865.60
SECTION 5 - PAVING ITEMS					
1	6" THICK REINFORCED 3,500 PSI CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	10077	\$70.00	\$705,390.00
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	4185	\$7.00	\$29,295.00
3	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2165	\$7.00	\$15,155.00
4	8" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	10782	\$8.00	\$86,256.00
5	HYDRATED LIME FOR 8" STABILIZED SUBGRADE (6% LIME BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	260	\$386.00	\$100,360.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE	SY	1624	\$90.00	\$146,160.00
7	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	24	\$3,086.00	\$74,064.00

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LJA ENGINEERING, INC.
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1LC CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8	FINAL LOT GRADING OF LOTS AND RESERVES, INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL 95% STANDARD PROCTOR DENSITY, AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	102	\$1,443.00	\$147,186.00
9	CONCRETE PAVEMENT HEADER; COMPLETE IN PLACE	LF	242	\$24.00	\$5,808.00
10	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$1,260.00	\$3,780.00
11	EXISTING SWALE ALONG KIER ROAD TO BE REMOVED AND DEMUCKED, COMPLETE IN PLACE	LF	1230	\$9.00	\$11,070.00
12	1.5" TYPE "D" HOT MIX ASPHALT CONCRETE WITH 6" FLEXIBLE BASE AND PRIME COAT, 8" STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	255	\$77.00	\$19,635.00
13	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1797	\$7.00	\$12,579.00
14	1.5' FLUSH CURB, PER COH DETAIL, COMPLETE IN PLACE	LF	230	\$7.00	\$1,610.00

SECTION 5 - PAVING ITEMS SUBTOTAL:**\$1,358,348.00****SECTION 5 - MISCELLANEOUS ITEMS**

1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$2,460.00	\$2,460.00
2	TRAFFIC CONTROL PLAN	LS	1	\$4,200.00	\$4,200.00
3	PLACEMENT OF STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$3,900.00	\$3,900.00
4	INSTALL, MAINTAIN AND REMOVE REINFORCED FILTER FABRIC FENCE	LF	8162	\$3.00	\$24,486.00
5	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	13	\$150.00	\$1,950.00
6	UTILITY SPOILS DISPOSAL (ON-SITE PLACEMENT AND COMPACTION); COMPLETE IN PLACE	CY	4508	\$2.00	\$9,016.00
7	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING 2 3/8" DIAMETER PIPE, STOP SIGNS, STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, TRAFFIC BUTTONS AND STRIPING, ETC., COMPLETE IN PLACE	LS	1	\$10,200.00	\$10,200.00
8	IMPORT FILL, INCLUDES HAUL FROM DESIGNATED STOCKPILE, USING OFF ROAD TRUCKS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND FINAL SITE GRADING, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	4797	\$8.00	\$38,376.00
9	DEVELOPERS BONDS AS REQUIRED BY CITY OF HOUSTON, COMPLETE IN PLACE	LS	1	\$26,393.00	\$26,393.00
10	RELOCATE EXISTING UTILITY POLE AS NEEDED FOR ROADWAY OR UTILITY CONSTRUCTION, INCLUDING UTILITY CO. COORDINATION, COMPLETE IN PLACE	EA	2	\$24,000.00	\$48,000.00
11	REMOVE EXISTING GATE AND FENCE POSTS AS REQUIRED FOR FUQUA STREET CONSTRUCTION AT KIER ROAD, COMPLETE IN PLACE	LS	1	\$4,879.00	\$4,879.00
12	DUAL 6" PVC IRRIGATION SLEEVES, CLASS 200 PIPE, COMPLETE IN PLACE	LF	320	\$71.00	\$22,720.00

SECTION 5 - MISCELLANEOUS ITEMS SUBTOTAL:**\$196,580.00**

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BID OPENING DATE:**BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.**LJA ENGINEERING, INC.
CONSTRUCTION CONTRACT SERVICES, II

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
ALTERNATE BID ITEMS					
1	OFF-SITE DISPOSAL OF UTILITY SPOILS IN LIEU OF SECTION 4 WATER LINE ITEM NO. 12, SECTION 4 SANITARY SEWER LINE ITEM NO. 12, AND SECTION 4 DRAINAGE FACILITIES ITEM NO. 19, COMPLETE IN PLACE	CY	6434	\$20.00	\$128,680.00
2	OFF-SITE DISPOSAL OF UTILITY SPOILS IN LIEU OF SECTION 5 WATER LINE ITEM NO. 9, SECTION 5 SANITARY SEWER LINE ITEM NO. 12 AND SECTION 5 DRAINAGE FACILITIES ITEM NO. 11, COMPLETE IN PLACE	CY	4508	\$20.00	\$90,160.00
ALTERNATE BID ITEMS SUBTOTAL:					\$218,840.00
BIDDING SUMMARY					
SUBTOTAL 12" W.L./15" SAN. - 12" OFF-SITE WATER LINE ITEMS					\$157,088.80
SUBTOTAL 12" W.L./15" SAN. - OFF-SITE 15" SANITARY SEWER ITEMS					\$282,066.40
SUBTOTAL 12" W.L./15" SAN. - MISCELLANEOUS ITEMS					\$33,535.00
SUBTOTAL 15" SAN. - 15" SANITARY SEWER ITEMS					\$442,740.48
SUBTOTAL 15" SAN. - MISCELLANEOUS ITEMS					\$23,952.00
SUBTOTAL SECTION 4 - SITE PREPARATION					\$86,119.00
SUBTOTAL SECTION 4 WATER LINE ITEMS					\$658,248.10
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS					\$728,319.68
SUBTOTAL SECTION 4 - DRAINAGE FACILITIES ITEMS					\$1,271,775.70
SUBTOTAL SECTION 4 - PAVING ITEMS					\$1,648,809.00
SUBTOTAL SECTION 4 - MISCELLANEOUS ITEMS					\$168,335.00
SUBTOTAL SECTION 5 - WATER LINE ITEMS					\$252,348.70
SUBTOTAL SECTION 5 - SANITARY SEWER ITEMS					\$386,162.30
SUBTOTAL SECTION 5 - DRAINAGE FACILITIES ITEMS					\$649,865.60
SUBTOTAL SECTION 5 - PAVING ITEMS					\$1,358,348.00
SUBTOTAL SECTION 5 - MISCELLANEOUS ITEMS					\$196,580.00
TOTAL AMOUNT BASE BID					\$8,344,293.76
ALTERNATE BID ITEMS					
TOTAL AMOUNT BASE BID					\$8,344,293.76
DEDUCT SECTION 4 WATER LINE ITEMS ITEM NO.12					-\$1,794.00
DEDUCT SECTION 4 - SANITARY SEWER ITEMS ITEM NO.12					-\$2,280.00
DEDUCT SECTION 4 - DRAINAGE FACILITIES ITEMS ITEM NO.19					-\$8,794.00
DEDUCT SECTION 5 - WATER LINE ITEMS ITEM NO.9					-\$738.00
DEDUCT SECTION 5 - SANITARY SEWER ITEMS ITEM NO.12					-\$1,792.00
DEDUCT SECTION 5 - DRAINAGE FACILITIES ITEMS ITEM NO.11					-\$6,486.00
SUBTOTAL ALTERNATE BID ITEMS					\$218,840.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$8,541,249.76