

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE TAVOLA SECTION 44
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
CITY HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
DECEMBER 8, 2021
LJA ENGINEERING, INC.
T. JOSEPH
DECEMBER 9, 2021
6967-1244 (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) C.E. BARKER, LTD.	\$1,964,092.52
2) R CONSTRUCTION CIVIL, LLC DBA	\$1,964,924.20
3) CROSTEX CONSTRUCTION, INC.	\$1,975,000.00
4) BLAZEY CONSTRUCTION SERVICES, LLC	\$2,319,826.72

CALENDAR DAYS - 55/65



Justin L. Graham
12/13/2021

I, Justin Graham, PE, hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) C.E. BARKER, LTD.		2) R CONSTRUCTION CIVIL, LLC DBA		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,341	\$34.97	\$81,864.77	\$38.00	\$88,958.00	\$37.00	\$86,617.00
2.	8" P.V.C. WATER PIPE, C-900, DR18, CLASS 235, RESTRAINED JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	442	\$49.60	\$21,923.20	\$63.00	\$27,846.00	\$60.00	\$26,520.00
3.	6" P.V.C. WATER PIPE C-900, DR18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	158	\$24.28	\$3,836.24	\$26.00	\$4,108.00	\$25.75	\$4,068.50
4.	4" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	178	\$16.67	\$2,967.26	\$19.00	\$3,382.00	\$18.25	\$3,248.50
5.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$285.02	\$285.02	\$165.00	\$165.00	\$130.00	\$130.00
6.	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$1,156.79	\$4,627.16	\$1,200.00	\$4,800.00	\$975.00	\$3,900.00
7.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$390.46	\$1,171.38	\$255.00	\$765.00	\$225.00	\$675.00
8.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	9	\$5,143.68	\$46,293.12	\$5,100.00	\$45,900.00	\$4,800.00	\$43,200.00
9.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	8	\$1,613.99	\$12,911.92	\$1,700.00	\$13,600.00	\$1,410.00	\$11,280.00
10.	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.23	\$6,717.98	\$8,263.12	\$4,500.00	\$5,535.00	\$5,200.00	\$6,396.00
11.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	2,972	\$0.01	\$29.72	\$0.10	\$297.20	\$0.05	\$148.60
12.	STEEL CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PVC PIPE), COMPLETE IN PLACE	LF	147	\$178.39	\$26,223.33	\$104.00	\$15,288.00	\$91.00	\$13,377.00
13.	8" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$5,117.34	\$5,117.34	\$4,500.00	\$4,500.00	\$7,500.00	\$7,500.00
SUBTOTAL WATER ITEMS					\$215,513.58		\$215,144.20		\$207,060.60
SANITARY SEWER ITEMS									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8" CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,186	\$42.03	\$49,847.58	\$37.00	\$43,882.00	\$38.75	\$45,957.50
2.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	593	\$43.83	\$25,991.19	\$39.00	\$23,127.00	\$42.00	\$24,906.00
3.	8" P.V.C. GREEN SEWER PIPE ASTM D-2241, SDR 26, 12'-16" CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	573	\$49.57	\$28,403.61	\$42.00	\$24,066.00	\$45.50	\$26,071.50
4.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	313	\$62.99	\$19,715.87	\$58.00	\$18,154.00	\$51.00	\$15,963.00
5.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0'-8" DEPTH), INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	20	\$2,398.94	\$47,978.80	\$2,700.00	\$54,000.00	\$2,425.00	\$48,500.00
6.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8" DEPTH), COMPLETE IN PLACE	VF	51	\$175.50	\$8,950.50	\$150.00	\$7,650.00	\$243.00	\$12,393.00
7.	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, STACK, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2,369	\$59.14	\$140,102.66	\$50.00	\$118,450.00	\$55.00	\$130,295.00
8.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, STACK, RISER, WYE, PLUG, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	21	\$3,114.65	\$65,407.65	\$1,700.00	\$35,700.00	\$1,840.00	\$38,640.00

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ITEM	DESCRIPTION	UNIT	QTY	1) C.E. BARKER, LTD.		2) R CONSTRUCTION CIVIL, LLC DBA		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL DEPTHS. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,665	\$0.01	\$26.65	\$1.80	\$4,797.00	\$0.01	\$26.65
10.	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	5,006	\$0.01	\$50.06	\$0.10	\$500.60	\$2.50	\$12,515.00
11.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
12.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, ALL DEPTHS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00	\$12.00	\$6,000.00	\$12.00	\$6,000.00
13.	CORE INTO EXISTING SANITARY MANHOLE, AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	1	\$1,167.25	\$1,167.25	\$1,500.00	\$1,500.00	\$12,500.00	\$12,500.00
14.	"LONG SIDE" DOUBLE OR SINGLE 8" PVC PIPE SERVICE, LEADS, ASTM D-2241, SDR 26, CLASS 55, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC, COMPLETE IN PLACE	LF	109	\$66.83	\$7,284.47	\$71.00	\$7,739.00	\$74.00	\$8,066.00
15.	STANDARD SANITARY SEWER DROP AT MANHOLE, (2.0' DEPTH), COMPLETE IN PLACE	EA	2	\$1,512.39	\$3,024.78	\$1,100.00	\$2,200.00	\$750.00	\$1,500.00
16.	TEMPORARY BY-PASS PUMPING FOR THE PROPOSED CONNECTION 8" SANITARY SEWER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,028.60	\$5,028.60	\$3,775.00	\$3,775.00	\$750.00	\$750.00
17.	AUGER SECTION FOR 8" SANITARY SEWER, COMPLETE IN PLACE	LF	137	\$90.83	\$12,443.71	\$240.00	\$32,880.00	\$60.00	\$8,220.00
SUBTOTAL SANITARY SEWER ITEMS					\$431,423.38		\$394,420.60		\$402,303.65
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$101.45	\$96,377.50	\$80.00	\$76,000.00	\$73.00	\$69,350.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	501	\$122.39	\$61,317.39	\$96.00	\$48,096.00	\$91.50	\$45,841.50
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	827	\$164.25	\$135,834.75	\$208.00	\$172,016.00	\$125.50	\$103,788.50
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	858	\$207.01	\$177,614.58	\$193.00	\$165,594.00	\$165.00	\$141,570.00
5.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	171	\$247.78	\$42,370.38	\$279.00	\$47,709.00	\$199.00	\$34,029.00
6.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	272	\$333.47	\$90,703.84	\$289.00	\$78,608.00	\$260.00	\$76,160.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$1,153.62	\$8,075.34	\$1,200.00	\$8,400.00	\$2,000.00	\$14,000.00
8.	STAGE II - STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,035.30	\$7,247.10	\$2,500.00	\$17,500.00	\$750.00	\$5,250.00

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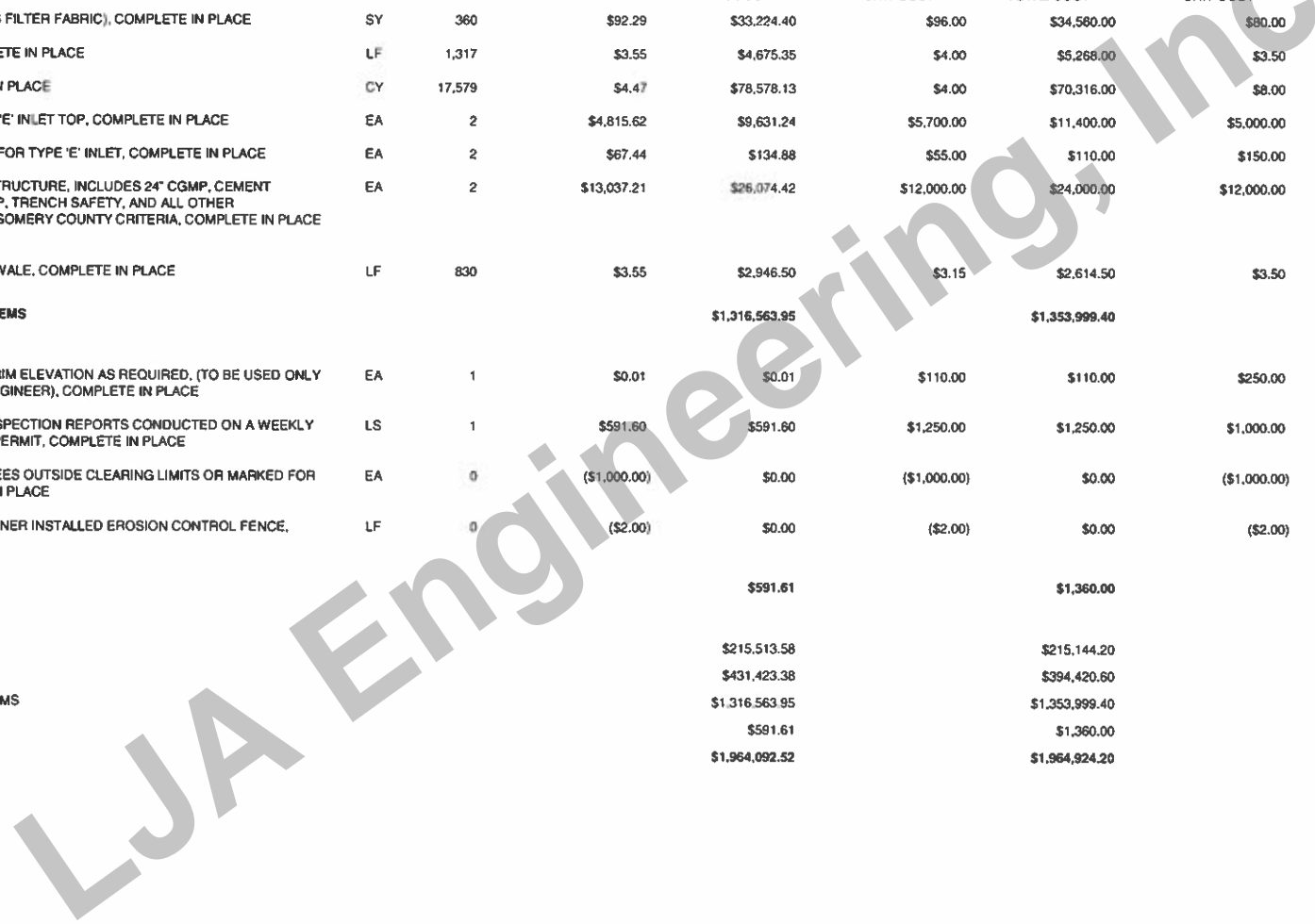
ITEM	DESCRIPTION	UNIT	QTY	1) C.E. BARKER, LTD.		2) R CONSTRUCTION CIVIL, LLC DBA		3) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	STAGE I - TYPE C-1 REINFORCED CONCRETE PRECAST CURB INLET, ALL DEPTHS (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$1,508.58	\$6,034.32	\$1,200.00	\$4,800.00	\$2,000.00	\$8,000.00
10.	STAGE II - TYPE C-1 REINFORCED CONCRETE PRECAST CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$1,626.90	\$6,507.60	\$2,500.00	\$10,000.00	\$1,000.00	\$4,000.00
11.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$5,336.23	\$21,344.92	\$8,450.00	\$33,800.00	\$7,950.00	\$31,800.00
12.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	26	\$4,034.71	\$104,902.46	\$5,250.00	\$136,500.00	\$3,500.00	\$91,000.00
13.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
14.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00	\$12.00	\$6,000.00	\$12.00	\$6,000.00
15.	WATER, STORM SEWER, AND OFFSITE STORM SEWER UTILITY SPOIL TO BE HAULED OFFSITE TO A DESIGNATED FILL LOCATION WITHIN 1.0 MILE OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, INCLUDES SITE PREP, ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC., REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, (SEE EXHIBIT INCLUDED IN BID DOCUMENTS), COMPLETE IN PLACE	LS	1	\$8,160.53	\$8,160.53	\$27,800.00	\$27,800.00	\$64,055.50	\$64,055.50
16.	TRENCH SAFETY SYSTEM, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	3,579	\$0.01	\$35.79	\$0.10	\$357.90	\$0.25	\$894.75
17.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
18.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET, NOI & NOT, COMPLETE IN PLACE	LS	1	\$591.60	\$591.60	\$1,250.00	\$1,250.00	\$1,000.00	\$1,000.00
19.	METHOD "A" FULL CONSTRUCTION STAKING (BY GBI SURVEYING COORDINATE WITH JON BORDOVSKY: 281.499.4539). OWNER ONLY PROVIDES LIMITED CONTROL STAKING, COMPLETE IN PLACE	LS	1	\$18,510.00	\$18,510.00	\$18,510.00	\$18,510.00	\$22,500.00	\$22,500.00
20.	CONCRETE TRUCK WASHOUT, (INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL), COMPLETE IN PLACE	EA	1	\$1,183.20	\$1,183.20	\$500.00	\$500.00	\$1,000.00	\$1,000.00
21.	REDRESS HIGH BANK AND SIDE SLOPE OF EXISTING PEACH CREEK POND, TO ITS ORIGINAL CONDITION OR BETTER AFTER CONSTRUCTION OF OUTFALL, COMPLETE IN PLACE	LS	1	\$5,028.60	\$5,028.60	\$2,800.00	\$2,800.00	\$15,000.00	\$15,000.00
22.	TEMPORARY COFFER DAM AND BYPASS PUMPING FOR CONSTRUCTION OF STORM OUTFALL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10,057.20	\$10,057.20	\$3,900.00	\$3,900.00	\$1,500.00	\$1,500.00
23.	SELECT CLEARING AND GRUBBING AND STRIPPING, DEBRIS TO BE HAULED OFFSITE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), (SEE EXHIBIT INCLUDED IN BID DOCUMENTS), COMPLETE IN PLACE	AC	8	\$8,500.00	\$68,000.00	\$8,500.00	\$68,000.00	\$10,200.00	\$81,600.00
24.	OVERFLOW SWALE, COMPLETE IN PLACE	LF	176	\$3.55	\$624.80	\$7.50	\$1,320.00	\$10.00	\$1,760.00
25.	4" CONCRETE SLOPE PAVING, (INCLUDES 3' TOE WALL), COMPLETE IN PLACE	SY	906	\$97.02	\$87,900.12	\$101.00	\$91,506.00	\$150.00	\$135,900.00
26.	18" THICK RIP RAP SET IN 18" CEMENT STABILIZED SAND, (INCLUDES FILTER FABRIC), COMPLETE IN PLACE	SY	1,547	\$119.83	\$185,377.01	\$112.00	\$173,264.00	\$120.00	\$185,640.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27.	18" THICK RIP RAP, (INCLUDES FILTER FABRIC), COMPLETE IN PLACE	SY	360	\$92.29	\$33,224.40	\$96.00	\$34,560.00	\$80.00	\$28,800.00
28.	BLACKSLOPE SWALE, COMPLETE IN PLACE	LF	1,317	\$3.55	\$4,675.35	\$4.00	\$5,268.00	\$3.50	\$4,609.50
29.	OUTFALL DITCH, COMPLETE IN PLACE	CY	17,579	\$4.47	\$78,578.13	\$4.00	\$70,316.00	\$8.00	\$140,632.00
30.	TYPE C MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	2	\$4,815.62	\$9,631.24	\$5,700.00	\$11,400.00	\$5,000.00	\$10,000.00
31.	INLET PROTECTION BARRIER FOR TYPE 'E' INLET, COMPLETE IN PLACE	EA	2	\$67.44	\$134.88	\$55.00	\$110.00	\$150.00	\$300.00
32.	BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" CGMP, CEMENT STABILIZED BACKFILL, RIP RAP, TRENCH SAFETY, AND ALL OTHER APPURTENANCES PER MONTGOMERY COUNTY CRITERIA, COMPLETE IN PLACE	EA	2	\$13,037.21	\$26,074.42	\$12,000.00	\$24,000.00	\$12,000.00	\$24,000.00
33.	BACKSLOPE INTERCEPTOR SWALE, COMPLETE IN PLACE	LF	830	\$3.55	\$2,946.50	\$3.15	\$2,614.50	\$3.50	\$2,905.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,316,563.95		\$1,353,999.40		\$1,364,385.75
MISCELLANEOUS ITEMS									
1.	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$0.01	\$0.01	\$110.00	\$110.00	\$250.00	\$250.00
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$591.60	\$591.60	\$1,250.00	\$1,250.00	\$1,000.00	\$1,000.00
3.	DEDUCT FOR DAMAGE TO TREES OUTSIDE CLEARING LIMITS OR MARKED FOR PRESERVATION, COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
4.	DEDUCT FOR DAMAGE TO OWNER INSTALLED EROSION CONTROL FENCE, COMPLETE IN PLACE	LF	0	(\$2.00)	\$0.00	(\$2.00)	\$0.00	(\$2.00)	\$0.00
SUBTOTAL MISCELLANEOUS ITEMS					\$591.61		\$1,360.00		\$1,250.00
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$215,513.58		\$215,144.20		\$207,060.60
SUBTOTAL SANITARY SEWER ITEMS					\$431,423.38		\$394,420.60		\$402,303.65
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,316,563.95		\$1,253,999.40		\$1,364,385.75
SUBTOTAL MISCELLANEOUS ITEMS					\$591.61		\$1,360.00		\$1,250.00
TOTAL AMOUNT BID					\$1,964,092.52		\$1,964,924.20		\$1,975,000.00



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WATER ITEMS					
1.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,341	\$34.78	\$81,419.98
2.	8" P.V.C. WATER PIPE, C-900, DR18, CLASS 235, RESTRAINED JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	442	\$36.43	\$16,102.06
3.	6" P.V.C. WATER PIPE C-900, DR18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	158	\$23.51	\$3,714.58
4.	4" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	178	\$16.06	\$2,858.68
5.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$247.76	\$247.76
6.	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$1,092.05	\$4,368.20
7.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$345.12	\$1,035.36
8.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	9	\$4,583.92	\$41,255.28
9.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	8	\$1,401.70	\$11,213.60
10.	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.23	\$5,116.43	\$6,293.21
11.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	2,972	\$0.29	\$861.88
12.	STEEL CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PVC PIPE), COMPLETE IN PLACE	LF	147	\$94.52	\$13,894.44
13.	8" X 8" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$5,059.71	\$5,059.71
SUBTOTAL WATER ITEMS					\$188,324.74
SANITARY SEWER ITEMS					
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8" CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,186	\$41.37	\$49,064.82
2.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	593	\$42.31	\$25,089.83
3.	8" P.V.C. GREEN SEWER PIPE ASTM D-2241, SDR 26, 12'-16" CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	573	\$46.08	\$26,403.84
4.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	313	\$64.90	\$20,313.70
5.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0'-8" DEPTH), INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	20	\$3,293.81	\$65,876.20
6.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8" DEPTH), COMPLETE IN PLACE	VF	51	\$174.67	\$8,908.17
7.	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, STACK, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2,369	\$53.68	\$127,167.92
8.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, STACK, RISER, WYE, PLUG, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	21	\$1,974.33	\$41,460.93

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CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAVOLA SECTION 44
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
 CITY HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
 DECEMBER 8, 2021
 LJA ENGINEERING, INC.
 T. JOSEPH
 DECEMBER 9, 2021
 6967-1244 (9.2)

4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,665	\$2.50	\$6,662.50
10.	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	5,006	\$0.29	\$1,451.74
11.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00
12.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, ALL DEPTHS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00
13.	CORE INTO EXISTING SANITARY MANHOLE, AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	1	\$1,938.88	\$1,938.88
14.	"LONG SIDE" DOUBLE OR SINGLE 8" PVC PIPE SERVICE, LEADS, ASTM D-2241, SDR 26, CLASS 55, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	109	\$46.40	\$5,057.60
15.	STANDARD SANITARY SEWER DROP AT MANHOLE, (2.0' DEPTH), COMPLETE IN PLACE	EA	2	\$1,081.03	\$2,162.06
16.	TEMPORARY BY-PASS PUMPING FOR THE PROPOSED CONNECTION 8" SANITARY SEWER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$3,493.47	\$3,493.47
17.	AUGER SECTION FOR 8" SANITARY SEWER, COMPLETE IN PLACE	LF	137	\$149.64	\$20,500.68
SUBTOTAL SANITARY SEWER ITEMS					\$421,552.34
DRAINAGE FACILITIES ITEMS					
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	950	\$94.58	\$89,851.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	501	\$116.53	\$58,381.53
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	827	\$155.46	\$128,565.42
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	858	\$203.13	\$174,285.54
5.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	171	\$243.74	\$41,679.54
6.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	272	\$339.15	\$92,248.80
7.	STAGE I - STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	7	\$1,583.71	\$11,085.97
8.	STAGE II - STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$2,119.58	\$14,837.06

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 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
 CITY HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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 6967-1244 (9.2)

4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9.	STAGE I – TYPE C-1 REINFORCED CONCRETE PRECAST CURB INLET, ALL DEPTHS (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$1,409.03	\$5,636.12
10.	STAGE II – TYPE C-1 REINFORCED CONCRETE PRECAST CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$1,852.40	\$7,409.60
11.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$11,091.77	\$44,367.08
12.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	26	\$6,558.99	\$170,533.74
13.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00
14.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00
15.	WATER, STORM SEWER, AND OFFSITE STORM SEWER UTILITY SPOIL TO BE HAULED OFFSITE TO A DESIGNATED FILL LOCATION WITHIN 1.0 MILE OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, INCLUDES SITE PREP, ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ETC., REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, (SEE EXHIBIT INCLUDED IN BID DOCUMENTS), COMPLETE IN PLACE	LS	1	\$68,196.47	\$68,196.47
16.	TRENCH SAFETY SYSTEM, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	3,579	\$0.29	\$1,037.91
17.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
18.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET, NO. & NOT, COMPLETE IN PLACE	LS	1	\$1,542.95	\$1,542.95
19.	METHOD "A" FULL CONSTRUCTION STAKING (BY GBI SURVEYING COORDINATE WITH JON BORDOVSKY: 281.499.4539), OWNER ONLY PROVIDES LIMITED CONTROL STAKING, COMPLETE IN PLACE	LS	1	\$18,510.00	\$18,510.00
20.	CONCRETE TRUCK WASHOUT, (INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL), COMPLETE IN PLACE	EA	1	\$1,397.39	\$1,397.39
21.	REDRESS HIGH BANK AND SIDE SLOPE OF EXISTING PEACH CREEK POND, TO ITS ORIGINAL CONDITION OR BETTER AFTER CONSTRUCTION OF OUTFALL, COMPLETE IN PLACE	LS	1	\$2,794.78	\$2,794.78
22.	TEMPORARY COFFER DAM AND BYPASS PUMPING FOR CONSTRUCTION OF STORM OUTFALL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$9,315.92	\$9,315.92
23.	SELECT CLEARING AND GRUBBING AND STRIPPING, DEBRIS TO BE HAULED OFFSITE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), (SEE EXHIBIT INCLUDED IN BID DOCUMENTS), COMPLETE IN PLACE	AC	8	\$8,500.00	\$68,000.00
24.	OVERFLOW SWALE, COMPLETE IN PLACE	LF	176	\$842.33	\$148,250.08
25.	4" CONCRETE SLOPE PAVING, (INCLUDES 3' TOE WALL), COMPLETE IN PLACE	SY	906	\$119.94	\$108,665.64
26.	18" THICK RIP RAP SET IN 18" CEMENT STABILIZED SAND, (INCLUDES FILTER FABRIC), COMPLETE IN PLACE	SY	1,547	\$116.37	\$180,024.39

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4) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
27.	18" THICK RIP RAP, (INCLUDES FILTER FABRIC), COMPLETE IN PLACE	SY	360	\$99.86	\$35,949.60
28.	BLACKSLOPE SWALE, COMPLETE IN PLACE	LF	1,317	\$2.15	\$2,831.55
29.	OUTFALL DITCH, COMPLETE IN PLACE	CY	17,579	\$7.64	\$134,303.56
30.	TYPE C MANHOLE WITH TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	2	\$15,639.10	\$31,278.20
31.	INLET PROTECTION BARRIER FOR TYPE 'E' INLET, COMPLETE IN PLACE	EA	2	\$81.51	\$163.02
32.	BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" CGMP, CEMENT STABILIZED BACKFILL, RIP RAP, TRENCH SAFETY, AND ALL OTHER APPURTENANCES PER MONTGOMERY COUNTY CRITERIA, COMPLETE IN PLACE	EA	2	\$8,488.26	\$16,976.52
33.	BACKSLOPE INTERCEPTOR SWALE, COMPLETE IN PLACE	LF	830	\$2.83	\$2,348.90
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,707,970.28
MISCELLANEOUS ITEMS					
1.	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$582.25	\$582.25
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,397.11	\$1,397.11
3.	DEDUCT FOR DAMAGE TO TREES OUTSIDE CLEARING LIMITS OR MARKED FOR PRESERVATION, COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00
4.	DEDUCT FOR DAMAGE TO OWNER INSTALLED EROSION CONTROL FENCE, COMPLETE IN PLACE	LF	0	(\$2.00)	\$0.00
SUBTOTAL MISCELLANEOUS ITEMS					\$1,979.36
BID SUMMARY					
SUBTOTAL WATER ITEMS					\$188,324.74
SUBTOTAL SANITARY SEWER ITEMS					\$421,552.34
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,707,970.28
SUBTOTAL MISCELLANEOUS ITEMS					\$1,979.36
TOTAL AMOUNT BID					\$2,319,826.72