

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE TAVOLA SECTION 23
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6
CITY OF HOUSTON E.T.J.; MONTGOMERY COUNTY, TEXAS
OCTOBER 30, 2020
LJA ENGINEERING, INC.
A.CAROTHERS
NOVEMBER 2, 2020
6966-1233 (9.2)

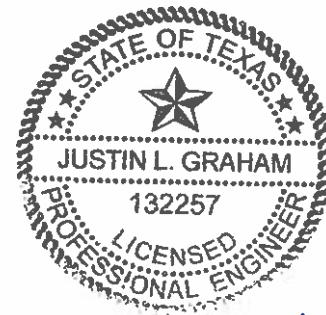
BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL BID AMOUNT
1) CROSTEX CONSTRUCTION, INC.	\$430,000.00
2) C.E. BARKER, LTD	\$444,160.74
3) BLAZEY CONSTRUCTION SERVICES, LLC	\$453,688.23
4) TRIPLE B SERVICES, LLP	\$625,700.00
5) PRINCIPAL SERVICES, LTD	\$510,000.00

CALENDAR DAYS - 30/40



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



11/2/2020

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ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD		3) BLAZEY CONSTRUCTION SERVICES, LLC		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER ITEMS									
1. 6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, RESTRAINED JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$17.25	\$6,210.00	\$19.87	\$7,153.20	\$14.87	\$5,353.20	
2. 8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,007	\$17.50	\$17,622.50	\$16.71	\$16,826.97	\$14.61	\$14,712.27	
3. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$3,700.00	\$22,200.00	\$3,723.44	\$22,340.64	\$3,075.00	\$18,450.00	
4. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$630.00	\$630.00	\$748.12	\$748.12	\$665.00	\$665.00	
5. 8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$960.00	\$2,880.00	\$923.64	\$2,770.92	\$924.00	\$2,772.00	
6. DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.36	\$2,000.00	\$2,720.00	\$2,446.74	\$3,327.57	\$1,480.00	\$1,985.60	
7. 8" P.V.C. WATER PIPE, C-900, DR-18, CLASS 235, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	746	\$24.00	\$17,904.00	\$27.19	\$20,283.74	\$21.46	\$16,009.16	
8. 12" P.V.C. WATER PIPE, C-900, DR - 18, CLASS 235, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	34	\$46.00	\$1,564.00	\$49.34	\$1,677.56	\$41.00	\$1,394.00	
9. TRENCH SAFETY SYSTEM ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	2,147	\$0.05	\$107.35	\$0.14	\$300.58	\$0.27	\$579.69	
10. REMOVE 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 8" WATER LINE INCLUDES ALL NECESSARY ADAPTERS, AND CONNECTORS (WET CONNECT), COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$560.30	\$1,120.60	\$204.00	\$408.00	
11. REMOVE 12" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND CONNECT PROPOSED 12" WATER LINE INCLUDES ALL NECESSARY ADAPTERS, AND CONNECTORS (WET CONNECT), COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$640.68	\$640.68	\$308.00	\$308.00	
12. AUGER SECTION WITH PVC CASING FOR 8" P.V.C. WATER PIPE, (EXCLUDES 8" CARRIER PIPE), COMPLETE IN PLACE	LF	30	\$100.00	\$3,000.00	\$223.66	\$6,709.80	\$116.00	\$3,480.00	
SUBTOTAL WATER ITEMS				\$75,667.85		\$83,900.38		\$66,116.92	
SANITARY SEWER ITEMS									
1. 8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12" CUT, COMPLETE IN PLACE	LF	64	\$26.25	\$1,680.00	\$31.56	\$2,019.84	\$26.00	\$1,664.00	
2. 8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8" CUT, COMPLETE IN PLACE	LF	1,320	\$23.50	\$31,020.00	\$30.80	\$40,656.00	\$27.00	\$35,640.00	
3. STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' - 8' DEPTH), INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	12	\$2,800.00	\$33,600.00	\$1,907.40	\$22,888.80	\$2,246.00	\$26,952.00	
4. "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, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	607	\$32.00	\$19,424.00	\$38.53	\$23,387.71	\$33.00	\$20,031.00	
5. "SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$920.00	\$11,040.00	\$705.72	\$8,468.64	\$856.00	\$10,272.00	
6. EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	2.77	\$228.00	\$631.56	\$147.74	\$409.24	\$114.00	\$315.78	
7. "LONG SIDE" DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	112	\$34.00	\$3,808.00	\$38.80	\$4,345.60	\$33.00	\$3,696.00	
8. T.V. INSPECTION OF SANITARY SEWER LINES, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,104	\$0.01	\$21.04	\$0.01	\$21.04	\$2.16	\$4,544.64	
9. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,942	\$0.10	\$194.20	\$0.14	\$271.88	\$0.27	\$524.34	

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 CITY OF HOUSTON E.T.J.; MONTGOMERY COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD		3) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	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
11.	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
12.	BREAK INTO EXISTING 8" SANITARY SEWER AND CONSTRUCT PROPOSED SANITARY SEWER MANHOLE, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$3,051.84	\$3,051.84	\$3,220.00	\$3,220.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$966.62	\$1,933.24	\$1,370.00	\$2,740.00
14.	ADJUST EXISTING SANITARY MANHOLE TO 6" ABOVE TOP OF CURB, COMPLETE IN PLACE	EA	4	\$150.00	\$600.00	\$384.65	\$1,458.60	\$27.00	\$108.00
15.	8" SANITARY SEWER DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$532.95	\$1,065.90	\$411.00	\$822.00
16.	CORE INTO EXISTING 8" SANITARY SEWER AND CONSTRUCT 6" STACK, INCLUDES ALL NECESSARY CONNECTORS, ADAPTER AND FITTINGS, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$785.40	\$785.40	\$303.00	\$303.00
17.	REMOVE AND DISPOSE OF 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$489.54	\$489.54	\$100.00	\$100.00
18.	BY-PASS PUMPING FOR EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$10,939.50	\$10,939.50	\$1,082.26	\$1,082.26
SUBTOTAL SANITARY SEWER ITEMS					\$139,668.80		\$138,192.77		\$128,015.02
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	391	\$54.75	\$21,407.25	\$62.41	\$24,402.31	\$57.00	\$22,287.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	139	\$68.00	\$9,452.00	\$75.85	\$10,543.15	\$67.00	\$9,313.00
3.	STAGE I – STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,800.00	\$12,600.00	\$1,071.51	\$7,500.57	\$1,239.00	\$8,673.00
4.	STAGE II – STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$500.00	\$3,500.00	\$959.31	\$6,715.17	\$1,331.00	\$9,317.00
5.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,457.18	\$9,828.72	\$2,137.00	\$8,548.00
6.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$3,691.38	\$3,691.38	\$3,403.00	\$3,403.00
7.	DEWATERING, ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
8.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING, (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
9.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE LOCATION WITHIN 2.0 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, COMPLETE IN PLACE	CY	1,545	\$0.50	\$772.50	\$3.51	\$5,422.95	\$6.49	\$10,027.05
10.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	512	\$0.05	\$25.60	\$0.14	\$71.68	\$0.27	\$138.24

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 TO SERVE TAVOLA SECTION 23
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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) C.E. BARKER, LTD		3) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWM-HCA 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
12.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$2,638.00	\$2,638.00	\$729.30	\$729.30	\$758.00	\$758.00
13.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	13	\$50.00	\$650.00	\$59.47	\$773.11	\$43.00	\$559.00
14.	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	\$5,000.00	\$5,000.00	\$4,700.00	\$4,700.00	\$4,700.00	\$4,700.00
15.	BREAK INTO EXISTING TYPE "C" MANHOLE AND CONNECT 30" RCP STORM SEWER PIPE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,739.10	\$1,739.10	\$471.00	\$471.00
16.	INSTALLATION MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,290.30	\$1,290.30	\$812.00	\$812.00
17.	REMOVE AND DISPOSE OF 8" BRICK WALL PLUG (BY OTHERS) AND CONNECT PROPOSED RCP STORM SEWER, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$532.95	\$1,065.90	\$114.00	\$228.00
18.	EXCAVATION FROM PEACH CREEK (PER HAUL ROUTE EXHIBIT IN BID DOCUMENTS) TO BE USED AS COMPACTED FILL (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	25.000	\$5.00	\$125,000.00	\$5.00	\$125,000.00	\$6.49	\$162,250.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$214,043.35		\$220,973.64		\$258,984.29
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	\$100.00	\$100.00	\$364.65	\$364.65	\$27.00	\$27.00
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$729.30	\$729.30	\$545.00	\$545.00
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					\$600.00		\$1,093.95		\$572.00
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$75,687.65		\$83,900.38		\$66,116.92
SUBTOTAL SANITARY SEWER ITEMS					\$139,868.80		\$138,192.77		\$128,015.02
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$214,043.35		\$220,973.64		\$258,984.29
SUBTOTAL MISCELLANEOUS ITEMS					\$600.00		\$1,093.95		\$572.00
TOTAL AMOUNT BID					\$430,000.00		\$444,160.74		\$463,688.23

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ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1.	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, RESTRAINED JOINTS, ALL DEPTHS, COMPLETE IN PLACE	LF	360	\$26.00	\$9,360.00	\$22.00	\$7,920.00
2.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1,007	\$27.00	\$27,189.00	\$23.00	\$23,161.00
3.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$3,600.00	\$21,600.00	\$3,800.00	\$22,800.00
4.	6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$700.00	\$700.00
5.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,450.00	\$4,350.00	\$1,100.00	\$3,300.00
6.	DUCTILE IRON FITTINGS, COMPLETE IN PLACE	TON	1.36	\$2,100.00	\$2,856.00	\$1,600.00	\$2,176.00
7.	8" P.V.C. WATER PIPE, C-900, DR-18, CLASS 235, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	746	\$33.00	\$24,618.00	\$30.00	\$22,380.00
8.	12" P.V.C. WATER PIPE, C-900, DR - 18, CLASS 235, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	34	\$58.00	\$1,972.00	\$51.00	\$1,734.00
9.	TRENCH SAFETY SYSTEM ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	2,147	\$0.10	\$214.70	\$0.10	\$214.70
10.	REMOVE 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 8" WATER LINE INCLUDES ALL NECESSARY ADAPTERS, AND CONNECTORS (WET CONNECT), COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$220.00	\$440.00
11.	REMOVE 12" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND CONNECT PROPOSED 12" WATER LINE INCLUDES ALL NECESSARY ADAPTERS, AND CONNECTORS (WET CONNECT), COMPLETE IN PLACE	EA	1	\$850.00	\$850.00	\$600.00	\$600.00
12.	AUGER SECTION WITH PVC CASING FOR 8" P.V.C. WATER PIPE. (EXCLUDES 8" CARRIER PIPE), COMPLETE IN PLACE	LF	30	\$320.00	\$9,600.00	\$150.00	\$4,500.00
SUBTOTAL WATER ITEMS					\$106,109.70		\$89,925.70
SANITARY SEWER ITEMS							
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, COMPLETE IN PLACE	LF	64	\$48.00	\$3,072.00	\$35.00	\$2,240.00
2.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, COMPLETE IN PLACE	LF	1,320	\$45.00	\$59,400.00	\$32.00	\$42,240.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' - 8' DEPTH), INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	12	\$3,300.00	\$39,600.00	\$3,000.00	\$36,000.00
4.	"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, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	607	\$43.00	\$26,101.00	\$36.00	\$21,852.00
5.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$780.00	\$9,360.00	\$1,052.00	\$12,624.00
6.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	2.77	\$100.00	\$277.00	\$200.00	\$554.00
7.	"LONG SIDE" DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	112	\$50.00	\$5,600.00	\$40.00	\$4,480.00
8.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,104	\$1.40	\$2,945.60	\$2.00	\$4,208.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,942	\$0.10	\$194.20	\$0.10	\$194.20

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAVOLA SECTION 23
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF HOUSTON E.T.J.; MONTGOMERY COUNTY, TEXAS
 OCTOBER 30, 2020
 LJA ENGINEERING, INC.
 A.CAROTHERS
 NOVEMBER 2, 2020
 6966-1233 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	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
11.	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.	BREAK INTO EXISTING 8" SANITARY SEWER AND CONSTRUCT PROPOSED SANITARY SEWER MANHOLE, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$750.00	\$750.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	2	\$1,400.00	\$2,800.00	\$750.00	\$1,500.00
14.	ADJUST EXISTING SANITARY MANHOLE TO 6" ABOVE TOP OF CURB, COMPLETE IN PLACE	EA	4	\$880.00	\$3,520.00	\$1,000.00	\$4,000.00
15.	8" SANITARY SEWER DROP STRUCTURE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$880.00	\$1,760.00	\$1,000.00	\$2,000.00
16.	CORE INTO EXISTING 8" SANITARY SEWER AND CONSTRUCT 6" STACK, INCLUDES ALL NECESSARY CONNECTORS, ADAPTER AND FITTINGS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$2,300.00	\$2,300.00
17.	REMOVE AND DISPOSE OF 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$775.00	\$775.00	\$750.00	\$750.00
18.	BY-PASS PUMPING FOR EXISTING 8" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$5,707.40	\$5,707.40
SUBTOTAL SANITARY SEWER ITEMS					\$181,704.80		\$157,399.60
DRAINAGE FACILITIES ITEMS							
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	391	\$115.00	\$44,965.00	\$69.00	\$26,979.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	139	\$145.00	\$20,155.00	\$81.00	\$11,259.00
3.	STAGE I – STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$2,100.00	\$14,700.00	\$1,090.00	\$7,630.00
4.	STAGE II – STANDARD 5' PRECAST INLET ("B-B"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	7	\$1,200.00	\$8,400.00	\$1,720.00	\$12,040.00
5.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,550.00	\$14,200.00	\$2,310.00	\$9,240.00
6.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$3,308.00	\$3,308.00
7.	DEWATERING, ALL SIZES, ALL DEPTHS, (THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
8.	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING, (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
9.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE LOCATION WITHIN 2.0 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, COMPLETE IN PLACE	CY	1,545	\$1.00	\$1,545.00	\$1.50	\$2,317.50
10.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	512	\$0.10	\$51.20	\$0.10	\$51.20

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE TAVOLA SECTION 23
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 8
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
 OCTOBER 30, 2020
 LJA ENGINEERING, INC.
 A. CAROTHERS
 NOVEMBER 2, 2020
 6966-1233 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) TRIPLE B SERVICES, LLP		5) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	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
12.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00
13.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	13	\$55.00	\$715.00	\$50.00	\$650.00
14.	METHOD "A" FULL CONSTRUCTION STAKING (BY GBI SURVEYING COORDINATE WITH JON BORDOVSKI; 281.499.4539), OWNER ONLY PROVIDES LIMITED CONTROL STAKING, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$4,700.00	\$4,700.00
15.	BREAK INTO EXISTING TYPE 'C' MANHOLE AND CONNECT 30" RCP STORM SEWER PIPE, COMPLETE IN PLACE	EA	1	\$2,374.30	\$2,374.30	\$1,000.00	\$1,000.00
16.	INSTALLATION MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00
17.	REMOVE AND DISPOSE OF 6" BRICK WALL PLUG (BY OTHERS) AND CONNECT PROPOSED RCP STORM SEWER, COMPLETE IN PLACE	EA	2	\$775.00	\$1,550.00	\$500.00	\$1,000.00
18.	EXCAVATION FROM PEACH CREEK (PER HAUL ROUTE EXHIBIT IN BID DOCUMENTS) TO BE USED AS COMPACTED FILL (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	25,000	\$8.00	\$200,000.00	\$8.50	\$162,500.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$337,655.50		\$261,174.70
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	\$880.00	\$880.00	\$1,000.00	\$1,000.00
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$350.00	\$350.00	\$500.00	\$500.00
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
4.	DEDUCT FOR DAMAGE TO OWNER INSTALLED EROSION CONTROL FENCE, COMPLETE IN PLACE	LF	0	(\$2.00)	\$0.00	(\$2.00)	\$0.00
SUBTOTAL MISCELLANEOUS ITEMS					\$1,230.00		\$1,500.00
BID SUMMARY							
SUBTOTAL WATER ITEMS					\$105,109.70		\$89,925.70
SUBTOTAL SANITARY SEWER ITEMS					\$181,704.80		\$157,399.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$337,655.50		\$261,174.70
SUBTOTAL MISCELLANEOUS ITEMS					\$1,230.00		\$1,500.00
TOTAL AMOUNT BID					\$625,700.00		\$510,000.00