

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
TO SERVE TAVOLA SECTION 30
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
NOVEMBER 20, 2018
LJA ENGINEERING, INC.
P.CHATTERJEE
NOVEMBER 21, 2018
6967-1230 (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.	\$865,000.00
2) BLAZEY CONSTRUCTION SERVICES, LLC	\$873,489.67
3) C. E. BARKER, LTD.	\$888,710.07
4) PRINCIPAL SERVICES, LTD.	\$892,317.33
5) R. CONSTRUCTION CIVIL, LLC	\$901,935.20
6) NORTHTEX CONSTRUCTION, LLC	\$1,003,739.50

CALENDAR DAYS - 35/45



Jesse N. Pasquarelli

I, Jesse N. Pasquarelli, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) C. E. BARKER, LTD.	
				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	1333	\$17.75	\$23,660.75	\$22.00	\$29,326.00	\$15.53	\$20,701.49
2.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$3,700.00	\$14,800.00	\$3,250.00	\$13,000.00	\$4,144.78	\$16,579.12
3.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$990.00	\$5,940.00	\$1,022.00	\$6,132.00	\$1,063.53	\$6,381.18
4.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.04	\$3,300.00	\$3,432.00	\$3,893.00	\$4,048.72	\$4,489.68	\$4,648.47
5.	8" P.V.C. WATER PIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	317	\$24.00	\$7,608.00	\$34.00	\$10,778.00	\$49.19	\$15,593.23
6.	12" x 8" TAPPING SLEEVE AND VALVE WITH BOX, COMPLETE IN PLACE	EA	2	\$4,500.00	\$9,000.00	\$4,620.00	\$9,240.00	\$6,543.77	\$13,087.54
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1650	\$0.05	\$82.50	\$0.30	\$495.00	\$0.12	\$198.00
8.	REMOVE AND RELOCATE EXISTING 12" PVC WATER PIPE PER PLANS AND INSTALL 12" X 8" TEE AND GATE VALVE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	117	\$70.00	\$8,190.00	\$84.00	\$9,828.00	\$49.65	\$5,809.05
SUBTOTAL WATER ITEMS					\$72,713.25	\$82,847.72		\$82,998.08	
SANITARY SEWER ITEMS									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, COMPLETE IN PLACE	LF	1415	\$26.25	\$37,143.75	\$32.00	\$45,280.00	\$29.48	\$41,714.20
2.	8" P.V.C. GREEN SEWER PIPE, C-900 DR 18, 12' - 16' CUT, COMPLETE IN PLACE	LF	131	\$33.50	\$4,388.50	\$53.00	\$6,943.00	\$36.56	\$4,789.36
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	19	\$2,350.00	\$44,650.00	\$2,286.00	\$43,434.00	\$2,052.57	\$38,998.83
4.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	49.6	\$235.00	\$11,656.00	\$133.00	\$6,596.80	\$124.88	\$6,194.05
5.	LONG SIDE DOUBLE OR SINGLE 6" OR 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	555	\$35.00	\$19,425.00	\$48.00	\$26,640.00	\$52.49	\$29,131.95
6.	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 STACK, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	20	\$1,125.00	\$22,500.00	\$578.00	\$11,560.00	\$697.73	\$13,954.60
7.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1546	\$0.25	\$386.50	\$2.06	\$3,184.76	\$2.48	\$3,834.08
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1546	\$3.00	\$4,638.00	\$0.30	\$463.80	\$0.12	\$185.52
9.	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
10.	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
SUBTOTAL SANITARY SEWER ITEMS					\$160,787.75	\$160,102.36		\$154,802.59	
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	685	\$58.75	\$40,243.75	\$59.00	\$40,415.00	\$61.04	\$41,812.40
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	84	\$75.25	\$6,321.00	\$73.00	\$6,132.00	\$79.64	\$6,689.76
3.	36" R.C.P. STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	228	\$102.50	\$23,370.00	\$98.00	\$22,344.00	\$111.10	\$25,330.80

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) C. E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	7' X 3' RCB STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	305	\$430.00	\$131,150.00	\$424.00	\$129,320.00	\$405.49	\$123,674.45
5.	7' X 4' RCB STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDE NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	318	\$465.00	\$147,870.00	\$459.00	\$145,962.00	\$442.96	\$140,861.28
6.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	14	\$2,000.00	\$28,000.00	\$1,190.00	\$16,660.00	\$1,426.60	\$19,972.40
7.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	14	\$500.00	\$7,000.00	\$1,418.00	\$19,852.00	\$1,240.52	\$17,367.28
8.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$2,300.00	\$27,600.00	\$2,520.00	\$30,240.00	\$2,357.00	\$28,284.00
9.	TYPE "C" MANHOLE TOP ON REINFORCED BOX CULVERT, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,062.00	\$1,062.00	\$2,357.00	\$2,357.00
10.	REINFORCED CONCRETE JUNCTION BOX TYPE "C" MANHOLE TOP, FOR 7' X 4' R.C.B. STORM SEWER AND 36" STORM SEWER MH D-36, COMPLETE IN PLACE	EA	1	\$9,800.00	\$9,800.00	\$6,330.00	\$6,330.00	\$16,871.13	\$16,871.13
11.	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 7' X 4' RCB STORM SEWER, 7' X 3' RCB STORM SEWER, AND 24" STORM SEWER MH D-24, COMPLETE IN PLACE	EA	1	\$6,500.00	\$6,500.00	\$6,330.00	\$6,330.00	\$16,871.13	\$16,871.13
12.	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 7' X 3' RCB STORM SEWER AND 24" STORM SEWER MH D-21, COMPLETE IN PLACE	EA	1	\$9,800.00	\$9,800.00	\$6,330.00	\$6,330.00	\$16,871.13	\$16,871.13
13.	STAGE I - 10' PRECAST CURB INLET, ALL DEPTHS, (INCLUDE TEMPORARY SILT BARRIER FENCE FOR STAGE I INLET), COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$1,273.00	\$2,546.00	\$1,825.43	\$3,650.86
14.	STAGE II - 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00	\$2,025.00	\$4,050.00	\$1,364.58	\$2,729.16
15.	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
16.	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
17.	8" BRICK WALL PLUG FOR STORM BOX, ALL SIZES, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,280.00	\$1,280.00	\$372.16	\$372.16
18.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE 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, COMPLETE IN PLACE	CY	3903	\$3.50	\$13,660.50	\$10.50	\$40,981.50	\$2.60	\$10,147.80
19.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1620	\$0.05	\$81.00	\$0.30	\$486.00	\$0.12	\$194.40
20.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (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
21.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$417.00	\$417.00	\$620.26	\$620.26
22.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	8	\$50.00	\$400.00	\$90.00	\$720.00	\$74.43	\$595.44
23.	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	\$6,090.40	\$6,090.40	\$5,441.00	\$5,441.00	\$6,749.82	\$6,749.82
24.	CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,250.00	\$1,250.00	\$1,240.52	\$1,240.52

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ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) BLAZEY CONSTRUCTION SERVICES, LLC		3) C. E. BARKER, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
25.	REMOVE AND DISPOSE OF 8" BRICK WALL PLUG AND CONNECT PROPOSED 7" X 4" R.C.B., ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$975.00	\$975.00	\$930.39	\$930.39
26.	BREAK INTO EXISTING 7'X4' R.C.B. AND CONNECT 24" R.C.P. STORM SEWER PIPE, INCLUDES ALL NECESSARY CONNECTORS ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$850.00	\$1,700.00	\$2,046.86	\$4,093.72
27.	REMOVE AND DISPOSE EXISTING 10' CURB INLET ON EXISTING GRAN ROBLE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$725.00	\$725.00	\$1,240.52	\$1,240.52
28.	REMOVE AND DISPOSE EXISTING 24" STORM SEWER ON EXISTING GRAN ROBLE, COMPLETE IN PLACE	LF	25	\$40.00	\$1,000.00	\$45.00	\$1,125.00	\$55.82	\$1,395.50
29.	2' SAWCUT OF EXISTING CONCRETE PAVING FOR 10' CURB INLET #3901, INCLUDES REMOVAL AND REPLACEMENT OF EXISTING CURB, CONCRETE PAVEMENT BASE AND SUBGRADE, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$1,950.00	\$1,950.00	\$9,055.83	\$9,055.83
30.	TYPE "C" MANHOLE TOP ON REINFORCED BOX CULVERTS BEND, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$1,400.00	\$2,800.00	\$2,357.00	\$4,714.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$501,686.65		\$514,923.50		\$522,193.14
OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, COMPLETE IN PLACE	LF	126	\$26.25	\$3,307.50	\$32.00	\$4,032.00	\$29.48	\$3,714.48
2.	8" P.V.C. GREEN SEWER PIPE, C-900, DR 18, 12'-16' CUT, COMPLETE IN PLACE	LF	981	\$33.50	\$32,863.50	\$33.00	\$32,373.00	\$36.84	\$36,140.04
3.	8" PVC GREEN SEWER PIPE, C-900, DR 18, 16'-20' CUT, COMPLETE IN PLACE	LF	71	\$40.00	\$2,840.00	\$35.00	\$2,485.00	\$44.83	\$3,182.93
4.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	10	\$2,350.00	\$23,500.00	\$2,285.00	\$22,850.00	\$2,156.40	\$21,564.00
5.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	66.01	\$235.00	\$15,512.35	\$133.00	\$8,779.33	\$124.88	\$8,243.33
6.	STANDARD SANITARY SEWER DROP AT MANHOLE, (2.5' DEPTH), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$627.00	\$627.00	\$1,800.13	\$1,800.13
7.	EXTRA DEPTH FOR SANITARY DROP (OVER 2.5' DEPTH), COMPLETE IN PLACE	VF	2.66	\$50.00	\$133.00	\$16.00	\$42.56	\$44.63	\$118.72
8.	LONG SIDE DOUBLE OR SINGLE 6" OR 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	135	\$34.50	\$4,657.50	\$37.00	\$4,995.00	\$58.03	\$7,834.05
9.	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 STACK, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	9	\$1,120.00	\$10,080.00	\$570.00	\$5,130.00	\$1,045.25	\$9,407.25
10.	CORE INTO EXISTING SANITARY MANHOLE, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS, FITTINGS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00	\$1,155.57	\$1,155.57
11.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1178	\$0.25	\$294.50	\$2.10	\$2,473.80	\$2.60	\$3,062.80
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1178	\$3.00	\$3,534.00	\$0.30	\$353.40	\$0.12	\$141.36
13.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$20.00	\$5,000.00	\$20.00	\$5,000.00	\$20.00	\$5,000.00
14.	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	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00

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15.	OFFSITE SANITARY SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE LOCATION WITHIN 1.0 MILE OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, INCLUDES SITE PREP, ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ECT. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, COMPLETE IN PLACE	CY	580	\$8.00	\$4,640.00	\$10.50	\$6,090.00	\$5.09	\$2,952.20
16.	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	\$3,750.00	\$3,750.00	\$1,500.00	\$1,500.00	\$1,860.91	\$1,860.91
SUBTOTAL OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)					\$115,612.35		\$101,131.09		\$109,177.77
CLEARING AND GRUBBING ITEMS									
1.	DISTRICT PORTION OF CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS NOT CLEARED WITH PREVIOUS CLEARING AND GRUBBING CONTRACT, INCLUDES REMOVING ALL STUMPS & ROOTS, EXCAVATION OF BURN PITS, BURNING OR CHIPPING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEAN OUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8' LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$6,500.00	\$6,500.00	\$6,675.00	\$6,675.00	\$9,304.05	\$9,304.05
2.	DEVELOPER PORTION OF CLEARING AND GRUBBING OF LOTS FOR FILL ONLY IF NOT CLEARED WITH PREVIOUS CLEARING AND GRUBBING CONTRACT, INCLUDES REMOVING ALL STUMPS & ROOTS, EXCAVATION OF BURN PITS, BURNING OR CHIPPING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEANOUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8' LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$6,500.00	\$6,500.00	\$6,675.00	\$6,675.00	\$9,304.05	\$9,304.05
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$13,000.00		\$13,350.00		\$18,608.10
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	\$200.00	\$200.00	\$575.00	\$575.00	\$310.13	\$310.13
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$560.00	\$560.00	\$620.26	\$620.26
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					\$1,200.00		\$1,135.00		\$930.39
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$72,713.25		\$82,847.72		\$82,998.08
SUBTOTAL SANITARY SEWER ITEMS					\$160,787.75		\$160,102.36		\$154,802.59
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$501,686.65		\$514,923.50		\$522,193.14
SUBTOTAL OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)					\$115,612.35		\$101,131.09		\$109,177.77
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$13,000.00		\$13,350.00		\$18,608.10
SUBTOTAL MISCELLANEOUS ITEMS					\$1,200.00		\$1,135.00		\$930.39
TOTAL AMOUNT BID					\$865,000.00		\$873,489.67		\$888,710.07

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAVOLA SECTION 30
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 20, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 21, 2018
 6967-1230 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) R. CONSTRUCTION CIVIL, LLC		6) NORTHTEX CONSTRUCTION, LLC	
				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	1333	\$22.00	\$29,326.00	\$20.00	\$26,660.00	\$17.00	\$22,661.00
2.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$3,400.00	\$13,600.00	\$4,000.00	\$16,000.00	\$4,000.00	\$16,000.00
3.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$1,400.00	\$8,400.00
4.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.04	\$3,300.00	\$3,432.00	\$3,290.00	\$3,421.60	\$3,500.00	\$3,640.00
5.	8" P.V.C. WATER PIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	317	\$31.00	\$9,827.00	\$33.00	\$10,461.00	\$28.00	\$8,876.00
6.	12" x 8" TAPPING SLEEVE AND VALVE WITH BOX, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$4,800.00	\$9,600.00	\$6,500.00	\$13,000.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1650	\$0.10	\$165.00	\$0.10	\$165.00	\$0.10	\$165.00
8.	REMOVE AND RELOCATE EXISTING 12" PVC WATER PIPE PER PLANS AND INSTALL 12" X 8" TEE AND GATE VALVE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	117	\$65.00	\$7,605.00	\$79.00	\$9,243.00	\$30.00	\$3,510.00
SUBTOTAL WATER ITEMS						\$79,955.00		\$81,550.60	\$76,252.00
SANITARY SEWER ITEMS									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, COMPLETE IN PLACE	LF	1415	\$36.00	\$50,940.00	\$32.00	\$45,280.00	\$20.00	\$28,300.00
2.	8" P.V.C. GREEN SEWER PIPE, C-900 DR 18, 12' - 16' CUT, COMPLETE IN PLACE	LF	131	\$39.00	\$5,109.00	\$38.00	\$4,978.00	\$21.00	\$2,751.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	19	\$1,800.00	\$34,200.00	\$2,300.00	\$43,700.00	\$2,200.00	\$41,800.00
4.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	49.6	\$145.00	\$7,192.00	\$140.00	\$6,944.00	\$170.00	\$8,432.00
5.	LONG SIDE DOUBLE OR SINGLE 6" OR 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	555	\$56.00	\$31,080.00	\$45.00	\$24,975.00	\$33.00	\$18,315.00
6.	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 STACK, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	20	\$1,200.00	\$24,000.00	\$1,100.00	\$22,000.00	\$980.00	\$19,200.00
7.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1546	\$2.00	\$3,092.00	\$1.60	\$2,473.60	\$3.50	\$5,411.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1546	\$0.10	\$154.60	\$0.10	\$154.60	\$0.10	\$154.60
9.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$30.00	\$15,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
10.	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
SUBTOTAL SANITARY SEWER ITEMS						\$176,767.60		\$166,505.20	\$140,363.60
DRAINAGE FACILITIES ITEMS									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	685	\$61.00	\$41,785.00	\$73.00	\$50,005.00	\$58.00	\$39,730.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	84	\$87.00	\$7,308.00	\$89.00	\$7,476.00	\$76.00	\$6,384.00
3.	36" R.C.P. STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	228	\$111.00	\$25,308.00	\$117.00	\$26,676.00	\$163.00	\$37,164.00

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 TO SERVE TAVOLA SECTION 30
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 20, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 21, 2018
 6967-1230 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) R. CONSTRUCTION CIVIL, LLC		6) NORTHTEX CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	7' X 3' RCB STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	305	\$390.00	\$118,950.00	\$407.00	\$124,135.00	\$564.00	\$172,020.00
5.	7' X 4' RCB STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDE NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	318	\$425.00	\$135,150.00	\$448.00	\$142,464.00	\$616.00	\$195,888.00
6.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	14	\$1,500.00	\$21,000.00	\$1,100.00	\$15,400.00	\$1,400.00	\$19,600.00
7.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	14	\$1,300.00	\$18,200.00	\$1,300.00	\$18,200.00	\$1,170.00	\$16,380.00
8.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$2,400.00	\$28,800.00	\$2,300.00	\$27,600.00	\$2,500.00	\$30,000.00
9.	TYPE "C" MANHOLE TOP ON REINFORCED BOX CULVERT, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$950.00	\$950.00	\$4,500.00	\$4,500.00
10.	REINFORCED CONCRETE JUNCTION BOX TYPE "C" MANHOLE TOP, FOR 7' X 4' R.C.B. STORM SEWER AND 36" STORM SEWER MH D-36, COMPLETE IN PLACE	EA	1	\$9,600.00	\$9,600.00	\$14,000.00	\$14,000.00	\$9,700.00	\$9,700.00
11.	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 7' X 4' RCB STORM SEWER, 7' X 3' RCB STORM SEWER, AND 24" STORM SEWER MH D-24, COMPLETE IN PLACE	EA	1	\$6,700.00	\$6,700.00	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00
12.	REINFORCED CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP FOR 7' X 3' RCB STORM SEWER AND 24" STORM SEWER MH D-21, COMPLETE IN PLACE	EA	1	\$9,500.00	\$9,500.00	\$13,500.00	\$13,500.00	\$8,600.00	\$8,600.00
13.	STAGE I - 10' PRECAST CURB INLET, ALL DEPTHS, (INCLUDE TEMPORARY SILT BARRIER FENCE FOR STAGE I INLET), COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00
14.	STAGE II - 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$1,600.00	\$3,200.00	\$800.00	\$1,600.00
15.	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
16.	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
17.	8" BRICK WALL PLUG FOR STORM BOX, ALL SIZES, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$1,500.00	\$1,500.00	\$700.00	\$700.00
18.	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE 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, COMPLETE IN PLACE	CY	3903	\$3.00	\$11,709.00	\$5.20	\$20,295.60	\$13.20	\$51,519.60
19.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1620	\$0.10	\$162.00	\$0.10	\$162.00	\$0.10	\$162.00
20.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (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
21.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
22.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	8	\$40.00	\$320.00	\$50.00	\$400.00	\$90.00	\$720.00
23.	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	\$5,441.00	\$5,441.00	\$5,441.00	\$5,441.00	\$5,441.00	\$5,441.00
24.	CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$500.00	\$500.00	\$500.00	\$500.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, & DRAINAGE FACILITIES
 TO SERVE TAVOLA SECTION 30
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 7
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 20, 2018
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 21, 2018
 6967-1230 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) R. CONSTRUCTION CIVIL, LLC		6) NORTHTEX CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
25.	REMOVE AND DISPOSE OF 8" BRICK WALL PLUG AND CONNECT PROPOSED 7" X 4" R.C.B., ALL SIZES, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$550.00	\$550.00	\$1,200.00	\$1,200.00
26.	BREAK INTO EXISTING 7'X4' R.C.B. AND CONNECT 24" R.C.P. STORM SEWER PIPE, INCLUDES ALL NECESSARY CONNECTORS ADAPTERS AND FITTINGS, COMPLETE IN PLACE	EA	2	\$700.00	\$1,400.00	\$1,100.00	\$2,200.00	\$1,700.00	\$3,400.00
27.	REMOVE AND DISPOSE EXISTING 10' CURB INLET ON EXISTING GRAN ROBLE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$2,000.00	\$2,000.00
28.	REMOVE AND DISPOSE EXISTING 24" STORM SEWER ON EXISTING GRAN ROBLE, COMPLETE IN PLACE	LF	25	\$50.00	\$1,250.00	\$61.00	\$1,525.00	\$30.00	\$750.00
29.	2' SAWCUT OF EXISTING CONCRETE PAVING FOR 10' CURB INLET #3901, INCLUDES REMOVAL AND REPLACEMENT OF EXISTING CURB, CONCRETE PAVEMENT BASE AND SUBGRADE, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$10,800.00	\$10,800.00	\$5,000.00	\$5,000.00
30.	TYPE "C" MANHOLE TOP ON REINFORCED BOX CULVERTS BEND, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$1,400.00	\$2,800.00	\$2,500.00	\$5,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$492,233.00		\$521,779.60		\$648,458.60
OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, COMPLETE IN PLACE	LF	126	\$44.00	\$5,544.00	\$43.00	\$5,418.00	\$25.00	\$3,150.00
2.	8" P.V.C. GREEN SEWER PIPE, C-900, DR 18, 12'-16' CUT, COMPLETE IN PLACE	LF	981	\$38.00	\$37,278.00	\$40.00	\$39,240.00	\$23.00	\$22,563.00
3.	8" PVC GREEN SEWER PIPE, C-900, DR 18, 16'-20' CUT, COMPLETE IN PLACE	LF	71	\$60.00	\$4,260.00	\$103.00	\$7,313.00	\$28.00	\$1,988.00
4.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	10	\$1,900.00	\$19,000.00	\$2,300.00	\$23,000.00	\$2,200.00	\$22,000.00
5.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	66.01	\$145.00	\$9,571.45	\$140.00	\$9,241.40	\$150.00	\$9,901.50
6.	STANDARD SANITARY SEWER DROP AT MANHOLE, (2.5' DEPTH), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$1,500.00	\$1,500.00
7.	EXTRA DEPTH FOR SANITARY DROP (OVER 2.5' DEPTH), COMPLETE IN PLACE	VF	2.66	\$28.00	\$74.48	\$30.00	\$79.80	\$200.00	\$532.00
8.	LONG SIDE DOUBLE OR SINGLE 6" OR 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROP STRUCTURE, CEMENT STABILIZED SAND BACKFILL, RISER STACK, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	135	\$56.00	\$7,560.00	\$49.00	\$6,615.00	\$42.00	\$5,670.00
9.	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 STACK, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	9	\$1,200.00	\$10,800.00	\$1,100.00	\$9,900.00	\$900.00	\$8,100.00
10.	CORE INTO EXISTING SANITARY MANHOLE, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS, FITTINGS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
11.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1178	\$2.00	\$2,356.00	\$1.60	\$1,884.80	\$3.50	\$4,123.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1178	\$0.10	\$117.80	\$0.10	\$117.80	\$0.10	\$117.80
13.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$30.00	\$7,500.00	\$25.00	\$6,250.00	\$20.00	\$5,000.00
14.	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	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00

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ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) R. CONSTRUCTION CIVIL, LLC		6) NORTHTEX CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15.	OFFSITE SANITARY SEWER UTILITY SPOIL TO BE HAULED TO A DESIGNATED STOCKPILE LOCATION WITHIN 1.0 MILE OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, INCLUDES SITE PREP, ANY TEMPORARY TRAFFIC CONTROL, FLAGMEN, ECT. REQUIRED TO CROSS OR TRAVERSE EXISTING ROADWAYS, COMPLETE IN PLACE	CY	580	\$2.50	\$1,450.00	\$5.50	\$3,190.00	\$14.00	\$8,120.00
16.	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	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
SUBTOTAL OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)					\$111,611.73		\$118,349.80		\$99,265.30
CLEARING AND GRUBBING ITEMS									
1.	DISTRICT PORTION OF CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS NOT CLEARED WITH PREVIOUS CLEARING AND GRUBBING CONTRACT, INCLUDES REMOVING ALL STUMPS & ROOTS, EXCAVATION OF BURN PITS, BURNING OR CHIPPING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEAN OUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$15,000.00	\$15,000.00	\$6,500.00	\$6,500.00	\$30,000.00	\$30,000.00
2.	DEVELOPER PORTION OF CLEARING AND GRUBBING OF LOTS FOR FILL ONLY IF NOT CLEARED WITH PREVIOUS CLEARING AND GRUBBING CONTRACT, INCLUDES REMOVING ALL STUMPS & ROOTS, EXCAVATION OF BURN PITS, BURNING OR CHIPPING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEANOUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$15,000.00	\$15,000.00	\$6,500.00	\$6,500.00	\$7,500.00	\$7,500.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$30,000.00		\$13,000.00		\$37,500.00
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	\$1,000.00	\$1,000.00	\$350.00	\$350.00	\$400.00	\$400.00
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$400.00	\$400.00	\$1,500.00	\$1,500.00
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	(\$1,000.00)	\$0.00
4.	DEDUCT FOR DAMAGE TO OWNER INSTALLED EROSION CONTROL FENCE, COMPLETE IN PLACE	LF	0	(\$2.00)	\$0.00	(\$1,000.00)	\$0.00	(\$2.00)	\$0.00
SUBTOTAL MISCELLANEOUS ITEMS					\$1,750.00		\$750.00		\$1,900.00
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$79,955.00		\$81,550.60		\$76,252.00
SUBTOTAL SANITARY SEWER ITEMS					\$176,767.60		\$166,505.20		\$140,363.60
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$492,233.00		\$521,779.60		\$648,458.60
SUBTOTAL OFF SITE SANITARY SEWER ITEMS (FROM TAVOLA SECTION 29)					\$111,611.73		\$118,349.80		\$99,265.30
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$30,000.00		\$13,000.00		\$37,500.00
SUBTOTAL MISCELLANEOUS ITEMS					\$1,750.00		\$750.00		\$1,900.00
TOTAL AMOUNT BID					\$892,317.33		\$901,936.20		\$1,003,739.50