

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
TO SERVE TAVOLA SECTION 18  
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
JANUARY 25, 2018  
LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANAURY 25, 2018  
6966-1218 (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) BLAZEY CONSTRUCTION SERVICES, LLC	\$410,965.88
2) TEXASITE, LLC	\$418,852.00
3) PRINCIPAL SERVICES, LTD.	\$452,871.20
4) CROSTEX CONSTRUCTION, INC.	\$460,000.00
5) MONARCH CIVIL CONSTRUCTORS	\$463,377.81
6) C.E. BARKER,LTD.	\$475,585.95
7) JOSLIN CONSTRUCTION TEXAS, LLC	\$494,973.90
8) R CONSTRUCTION CIVIL, LLC	\$512,879.16

CALENDAR DAYS - 35/45



*Maria George*

01-25-18

*Maria George*

I, Maria George, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES, LLC		2) TEXASITE, LLC		3) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	750	\$21.25	\$15,937.50	\$18.00	\$13,500.00	\$18.00	\$13,500.00
2.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1045	\$29.60	\$30,932.00	\$31.00	\$32,395.00	\$26.00	\$27,170.00
3.	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	\$3,000.00	\$12,000.00	\$3,200.00	\$12,800.00	\$2,800.00	\$11,200.00
4.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$960.00	\$2,880.00	\$1,000.00	\$3,000.00	\$800.00	\$2,400.00
5.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,850.00	\$5,550.00	\$2,000.00	\$6,000.00	\$1,500.00	\$4,500.00
6.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.88	\$1,800.00	\$1,584.00	\$5,000.00	\$4,400.00	\$1,900.00	\$1,672.00
7.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$90.00	\$90.00	\$100.00	\$100.00	\$180.00	\$180.00
8.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$260.00	\$520.00	\$150.00	\$300.00	\$250.00	\$500.00
9.	8" P.V.C. WATER PIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	80	\$33.00	\$2,640.00	\$28.00	\$2,240.00	\$29.00	\$2,320.00
10.	12" P.V.C. WATERPIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	198	\$56.40	\$11,167.20	\$50.00	\$9,900.00	\$46.00	\$9,108.00
11.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	3	\$615.00	\$1,845.00	\$550.00	\$1,650.00	\$900.00	\$2,700.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$0.05	\$103.65	\$1.00	\$2,073.00	\$0.10	\$207.30
13.	12" WET CONNECTION, COMPLETE IN PLACE	EA	2	\$285.00	\$570.00	\$300.00	\$600.00	\$360.00	\$720.00
14.	REMOVE 12" PLUG & CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 12" WATER LINE, COMPLETE IN PLACE	EA	2	\$285.00	\$570.00	\$300.00	\$600.00	\$360.00	\$720.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$86,389.35</b>		<b>\$89,558.00</b>		<b>\$76,897.30</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8" CUT, COMPLETE IN PLACE	LF	1495	\$23.65	\$35,356.75	\$27.00	\$40,365.00	\$25.00	\$37,375.00
2.	8" P.V.C. GREEN SEWER PIPE, C-900, DR 18, 12'-16" CUT, COMPLETE IN PLACE	LF	827	\$29.75	\$24,603.25	\$32.00	\$26,464.00	\$30.00	\$24,810.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	18	\$1,765.00	\$28,240.00	\$2,000.00	\$32,000.00	\$1,900.00	\$30,400.00
4.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	17.9	\$87.00	\$1,557.30	\$125.00	\$2,237.50	\$140.00	\$2,506.00
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, WYE, PLUG, MARKER STACKS, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	884	\$31.00	\$27,404.00	\$30.00	\$26,520.00	\$35.00	\$30,940.00
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, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$705.00	\$12,690.00	\$700.00	\$12,600.00	\$1,120.00	\$20,160.00
7.	BREAK INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS, FITTINGS, COMPLETE IN PLACE	EA	1	\$740.00	\$740.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00
8.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2321	\$1.30	\$3,017.30	\$0.05	\$116.05	\$1.70	\$3,945.70
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2321	\$0.05	\$116.05	\$1.00	\$2,321.00	\$0.10	\$232.10

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES, LLC		2) TEXASITE, LLC		3) PRINCIPAL SERVICES, LTD.	
				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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00
12.	REMOVE AND DISPOSE OF EXISTING 8" PLUG, COMPLETE IN PLACE	EA	1	\$60.00	\$60.00	\$200.45	\$200.45	\$150.00	\$150.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$136,984.65</b>	<b>\$147,124.00</b>	<b>\$155,218.80</b>		
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	933	\$58.55	\$54,627.15	\$58.00	\$52,248.00	\$53.00	\$49,449.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	165	\$75.00	\$12,375.00	\$68.00	\$11,220.00	\$67.00	\$11,055.00
3.	36" R.C.P. STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	187	\$106.65	\$19,943.55	\$90.00	\$16,830.00	\$88.00	\$16,456.00
4.	36" H.D.P.E. PIPE STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	400	\$73.50	\$29,400.00	\$65.00	\$26,000.00	\$61.00	\$24,400.00
5.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$770.00	\$6,160.00	\$1,000.00	\$8,000.00	\$1,280.00	\$10,240.00
6.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$1,450.00	\$11,600.00	\$1,000.00	\$8,000.00	\$1,200.00	\$9,600.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$1,715.00	\$22,295.00	\$2,000.00	\$26,000.00	\$1,900.00	\$24,700.00
8.	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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
9.	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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00
10.	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	3208	\$1.15	\$3,689.20	\$2.00	\$6,416.00	\$4.50	\$14,436.00
11.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1683	\$0.06	\$100.98	\$1.00	\$1,683.00	\$0.10	\$168.30
12.	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	2	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$3,500.00	\$7,000.00
13.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00
14.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$35.00	\$140.00	\$5.00	\$20.00	\$25.00	\$100.00
15.	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	\$6,077.00	\$6,077.00	\$6,077.00	\$6,077.00	\$6,077.00	\$6,077.00
16.	CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$100.00	\$100.00	\$350.00	\$350.00

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES, LLC		2) TEXASITE, LLC		3) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	V-BOTTOM TEMPORARY SWALE, WITH 3:1 SIDE SLOPES, (INCLUDES HYDROMULCH SEEDING OF SIDE SLOPES), COMPLETE IN PLACE	LF	3092	\$2.00	\$6,184.00	\$3.00	\$9,276.00	\$5.15	\$15,923.80
18.	OUTFALL STRUCTURES, INCLUDES CRUSHED CONCRETE OR STONE RIP RAP AND REDRESSING SIDE SLOPES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$181,241.88</b>		<b>\$180,320.00</b>		<b>\$196,655.10</b>
<b>CLEARING AND GRUBBING ITEMS</b>									
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	\$2,800.00	\$2,800.00	\$500.00	\$500.00	\$11,700.00	\$11,700.00
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	\$2,800.00	\$2,800.00	\$500.00	\$500.00	\$11,700.00	\$11,700.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>					<b>\$5,600.00</b>		<b>\$1,000.00</b>		<b>\$23,400.00</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$100.00	\$100.00	\$350.00	\$350.00
2.	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$750.00	\$750.00	\$350.00	\$350.00
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
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$750.00</b>		<b>\$850.00</b>		<b>\$700.00</b>
<b>BID SUMMARY</b>									
<b>SUBTOTAL WATER ITEMS</b>					<b>\$86,389.35</b>		<b>\$89,558.00</b>		<b>\$76,897.30</b>
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$136,984.65</b>		<b>\$147,124.00</b>		<b>\$155,218.80</b>
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$181,241.88</b>		<b>\$180,320.00</b>		<b>\$196,655.10</b>
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>					<b>\$5,600.00</b>		<b>\$1,000.00</b>		<b>\$23,400.00</b>
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$750.00</b>		<b>\$850.00</b>		<b>\$700.00</b>
<b>TOTAL AMOUNT BID</b>					<b>\$410,965.88</b>		<b>\$418,852.00</b>		<b>\$452,871.20</b>

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ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) MONARCH CIVIL CONSTRUCTORS		6) C.E. BARKER,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	750	\$16.75	\$12,562.50	\$16.00	\$12,000.00	\$15.08	\$11,310.00
2.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1045	\$29.25	\$30,566.25	\$25.00	\$26,125.00	\$26.82	\$28,026.90
3.	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	\$3,100.00	\$12,400.00	\$3,114.00	\$12,456.00	\$3,617.11	\$14,468.44
4.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$880.00	\$2,640.00	\$953.00	\$2,859.00	\$902.25	\$2,706.75
5.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,725.00	\$5,175.00	\$1,842.00	\$5,526.00	\$1,894.60	\$5,683.80
6.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.88	\$2,000.00	\$1,760.00	\$2,633.00	\$2,317.04	\$2,127.11	\$1,871.86
7.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$184.00	\$184.00	\$247.46	\$247.46
8.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$222.00	\$444.00	\$293.17	\$586.34
9.	8" P.V.C. WATER PIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	80	\$28.00	\$2,240.00	\$26.00	\$2,080.00	\$38.10	\$3,048.00
10.	12" P.V.C. WATERPIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	198	\$49.00	\$9,702.00	\$45.00	\$8,910.00	\$63.47	\$12,567.06
11.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	3	\$764.00	\$2,292.00	\$1,039.00	\$3,117.00	\$665.79	\$1,997.37
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$0.05	\$103.85	\$0.01	\$20.73	\$0.12	\$248.76
13.	12" WET CONNECTION, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$390.00	\$780.00	\$849.58	\$1,699.16
14.	REMOVE 12" PLUG & CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 12" WATER LINE, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$390.00	\$780.00	\$856.37	\$1,312.74
<b>SUBTOTAL WATER ITEMS</b>					<b>\$81,091.40</b>		<b>\$77,598.77</b>		<b>\$85,774.64</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, COMPLETE IN PLACE	LF	1495	\$21.25	\$31,768.75	\$23.00	\$34,385.00	\$22.52	\$33,667.40
2.	8" P.V.C. GREEN SEWER PIPE, C-900, DR 18, 12'-18" CUT, COMPLETE IN PLACE	LF	827	\$34.25	\$28,324.75	\$32.00	\$26,464.00	\$30.59	\$25,297.93
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	16	\$2,250.00	\$36,000.00	\$2,040.00	\$32,640.00	\$1,933.31	\$30,932.96
4.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	17.9	\$225.00	\$4,027.50	\$115.00	\$2,058.50	\$139.23	\$2,492.22
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, WYE, PLUG, MARKER STACKS, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	884	\$33.25	\$29,393.00	\$32.00	\$28,288.00	\$44.83	\$39,629.72
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, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$1,222.00	\$21,996.00	\$1,236.00	\$22,248.00	\$733.31	\$13,199.58
7.	BREAK INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS, FITTINGS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$676.00	\$676.00	\$1,342.98	\$1,342.98
8.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2321	\$0.10	\$232.10	\$2.50	\$5,802.50	\$2.51	\$5,825.71
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2321	\$3.50	\$8,123.50	\$0.01	\$23.21	\$0.12	\$278.52

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAVOLA SECTION 18  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
 JANUARY 25, 2018  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 25, 2018  
 6966-1218 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) MONARCH CIVIL CONSTRUCTORS		6) C.E. BARKER,LTD.	
				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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00
12.	REMOVE AND DISPOSE OF EXISTING 8" PLUG, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$33.00	\$33.00	\$119.34	\$119.34
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$164,715.60</b>		<b>\$155,818.21</b>		<b>\$155,986.36</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	933	\$51.75	\$48,282.75	\$64.00	\$59,712.00	\$57.28	\$53,442.24
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	185	\$65.50	\$10,807.50	\$84.00	\$13,860.00	\$75.24	\$12,414.60
3.	38" R.C.P. STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	187	\$85.50	\$15,988.50	\$112.00	\$20,944.00	\$103.21	\$19,300.27
4.	36" H.D.P.E. PIPE STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	400	\$65.00	\$26,000.00	\$77.00	\$30,800.00	\$66.79	\$26,716.00
5.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$1,800.00	\$14,400.00	\$1,788.00	\$14,304.00	\$1,360.48	\$10,883.84
6.	STAGE II -STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$400.00	\$3,200.00	\$242.00	\$1,936.00	\$1,193.40	\$9,547.20
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,200.00	\$28,600.00	\$1,974.00	\$25,662.00	\$2,350.08	\$30,551.04
8.	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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
9.	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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00
10.	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	3208	\$3.50	\$11,228.00	\$4.00	\$12,832.00	\$3.70	\$11,869.60
11.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1683	\$0.10	\$168.30	\$0.01	\$16.83	\$0.12	\$201.96
12.	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	2	\$1,500.00	\$3,000.00	\$2,255.00	\$4,510.00	\$1,500.00	\$3,000.00
13.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$550.00	\$550.00	\$596.70	\$596.70
14.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$50.00	\$200.00	\$39.00	\$156.00	\$59.67	\$238.68
15.	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	\$6,749.95	\$6,749.95	\$6,077.00	\$6,077.00	\$6,077.00	\$6,077.00
16.	CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$800.00	\$800.00	\$1,193.40	\$1,193.40

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAVOLA SECTION 18  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
 JANUARY 25, 2018  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 25, 2018  
 6966-1218 (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) MONARCH CIVIL CONSTRUCTORS		6) C.E. BARKER, LTD.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17. V-BOTTOM TEMPORARY SWALE, WITH 3:1 SIDE SLOPES, (INCLUDES HYDROMULCH SEEDING OF SIDE SLOPES), COMPLETE IN PLACE	LF	3092	\$4.00	\$12,368.00	\$4.25	\$13,141.00	\$7.01	\$21,674.92
18. OUTFALL STRUCTURES, INCLUDES CRUSHED CONCRETE OR STONE RIP RAP AND REDRESSING SIDE SLOPES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,500.00	\$10,500.00	\$4,695.00	\$4,695.00	\$4,121.21	\$4,121.21
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>				<b>\$196,193.00</b>		<b>\$213,195.83</b>		<b>\$215,028.66</b>
<b>CLEARING AND GRUBBING ITEMS</b>								
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	\$8,500.00	\$8,500.00	\$7,890.00	\$7,890.00	\$8,950.62	\$8,950.62
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	\$8,500.00	\$8,500.00	\$7,890.00	\$7,890.00	\$8,950.62	\$8,950.62
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$17,000.00</b>		<b>\$15,780.00</b>		<b>\$17,901.24</b>
<b>MISCELLANEOUS ITEMS</b>								
1. ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$135.00	\$135.00	\$298.35	\$298.35
2. STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$850.00	\$850.00	\$596.70	\$596.70
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
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>				<b>\$1,000.00</b>		<b>\$985.00</b>		<b>\$895.05</b>
<b>BID SUMMARY</b>								
SUBTOTAL WATER ITEMS				\$81,091.40		\$77,598.77		\$85,774.64
SUBTOTAL SANITARY SEWER ITEMS				\$164,715.60		\$155,818.21		\$155,986.36
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$196,193.00		\$213,195.83		\$215,028.66
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$17,000.00		\$15,780.00		\$17,901.24
SUBTOTAL MISCELLANEOUS ITEMS				\$1,000.00		\$985.00		\$895.05
<b>TOTAL AMOUNT BID</b>				<b>\$460,000.00</b>		<b>\$463,377.81</b>		<b>\$475,585.95</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAVOLA SECTION 18  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
 JANUARY 25, 2018  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 25, 2018  
 6966-1218 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) JOSLIN CONSTRUCTION TEXAS, LLC		8) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>							
1.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	750	\$18.00	\$13,500.00	\$18.00	\$13,500.00
2.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1045	\$26.00	\$27,170.00	\$26.00	\$27,170.00
3.	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	\$2,850.00	\$11,400.00	\$3,750.00	\$15,000.00
4.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$985.00	\$2,955.00
5.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,800.00	\$5,400.00	\$1,875.00	\$5,625.00
6.	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.88	\$2,025.00	\$1,782.00	\$2,312.00	\$2,034.56 *
7.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$205.00	\$205.00	\$140.00	\$140.00
8.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$290.00	\$580.00	\$220.00	\$440.00
9.	8" P.V.C. WATER PIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	80	\$28.00	\$2,240.00	\$34.00	\$2,720.00
10.	12" P.V.C. WATERPIPE, C-900, DR-14, CLASS 305, RESTRAINED JOINT, ALL DEPTHS, COMPLETE IN PLACE	LF	198	\$45.00	\$8,910.00	\$52.00	\$10,296.00
11.	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	3	\$900.00	\$2,700.00	\$985.00	\$2,955.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$0.50	\$1,036.50	\$0.10	\$207.30
13.	12" WET CONNECTION, COMPLETE IN PLACE	EA	2	\$270.00	\$540.00	\$230.00	\$460.00
14.	REMOVE 12" PLUG & CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 12" WATER LINE, COMPLETE IN PLACE	EA	2	\$68.00	\$136.00	\$10.00	\$20.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$78,599.50</b>	<b>\$83,522.86 *</b>	
<b>SANITARY SEWER ITEMS</b>							
1.	8" P.V.C. GREEN SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, COMPLETE IN PLACE	LF	1495	\$29.00	\$43,355.00	\$25.00	\$37,375.00
2.	8" P.V.C. GREEN SEWER PIPE, C-900, DR 18, 12'-18" CUT, COMPLETE IN PLACE	LF	827	\$53.00	\$43,831.00	\$44.00	\$36,388.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES INFLOW PREVENTER, COMPLETE IN PLACE	EA	16	\$2,150.00	\$34,400.00	\$2,705.00	\$43,280.00
4.	EXTRA DEPTH OF SANITARY MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	17.9	\$100.00	\$1,790.00	\$140.00	\$2,506.00
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, WYE, PLUG, MARKER STACKS, AND ANY NECESSARY FITTINGS, AND TRENCH SAFETY, ETC., COMPLETE IN PLACE	LF	884	\$44.00	\$38,896.00	\$41.00	\$36,244.00
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, WYE, PLUG, TRENCH SAFETY, DROP STRUCTURE, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$1,300.00	\$23,400.00	\$1,000.00	\$18,000.00
7.	BREAK INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTERS, FITTINGS, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
8.	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2321	\$3.00	\$6,963.00	\$1.70	\$3,945.70
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2321	\$0.50	\$1,160.50	\$0.10	\$232.10

\* MATHEMATICAL ERROR



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAVOLA SECTION 18  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
 JANUARY 25, 2018  
 LJA ENGINEERING, INC.  
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 6966-1218 (9.2)

**BID OPENING DATE:**  
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**LJA JOB NO.**

ITEM	DESCRIPTION	UNIT	QTY	7) JOSLIN CONSTRUCTION TEXAS, LLC		8) R CONSTRUCTION CIVIL, LLC	
				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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00
12.	REMOVE AND DISPOSE OF EXISTING 8" PLUG, COMPLETE IN PLACE	EA	1	\$70.00	\$70.00	\$160.00	\$160.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$198,165.50</b>	<b>\$182,330.80</b>	
<b>DRAINAGE FACILITIES ITEMS</b>							
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	933	\$59.00	\$55,047.00	\$61.00	\$56,913.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	165	\$74.00	\$12,210.00	\$76.00	\$12,540.00
3.	36" R.C.P. STORM SEWER, ASTM C-76 CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	187	\$99.00	\$18,513.00	\$103.00	\$19,261.00
4.	36" H.D.P.E. PIPE STORM SEWER, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	400	\$70.00	\$28,000.00	\$73.00	\$29,200.00
5.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$750.00	\$6,000.00	\$1,250.00	\$10,000.00
6.	STAGE II -STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$950.00	\$7,600.00	\$1,030.00	\$8,240.00
7.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	13	\$2,000.00	\$26,000.00	\$2,075.00	\$26,975.00
8.	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	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
9.	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	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00
10.	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	3208	\$5.00	\$16,040.00	\$6.40	\$20,531.20
11.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1683	\$0.50	\$841.50	\$0.10	\$168.30
12.	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	2	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00
13.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR'S BOOKLET NOI & NOT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
14.	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$65.00	\$260.00	\$45.00	\$180.00
15.	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	\$6,077.00	\$6,077.00	\$6,077.00	\$6,077.00
16.	CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$500.00	\$500.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES  
 TO SERVE TAVOLA SECTION 18  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF HOUSTON E.T.J., MONTGOMERY COUNTY, TEXAS  
 JANUARY 25, 2018  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 25, 2018  
 6966-1218 (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	7) JOSLIN CONSTRUCTION TEXAS, LLC		8) R CONSTRUCTION CIVIL, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17. V-BOTTOM TEMPORARY SWALE, WITH 3:1 SIDE SLOPES, (INCLUDES HYDROMULCH SEEDING OF SIDE SLOPES), COMPLETE IN PLACE	LF	3092	\$6.20	\$19,170.40	\$10.00	\$30,920.00
18. OUTFALL STRUCTURES, INCLUDES CRUSHED CONCRETE OR STONE RIP RAP AND REDRESSING SIDE SLOPES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,375.00	\$1,375.00	\$1,970.00	\$1,970.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>				<b>\$205,133.90</b>		<b>\$231,875.50</b>
<b>CLEARING AND GRUBBING ITEMS</b>						
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	\$6,000.00	\$6,000.00	\$7,100.00	\$7,100.00
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	\$6,000.00	\$6,000.00	\$7,100.00	\$7,100.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$12,000.00</b>		<b>\$14,200.00</b>
<b>MISCELLANEOUS ITEMS</b>						
1. ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$425.00	\$425.00	\$350.00	\$350.00
2. STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$650.00	\$650.00	\$600.00	\$600.00
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 *
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>				<b>\$1,075.00</b>		<b>\$950.00</b>
<b>BID SUMMARY</b>						
<b>SUBTOTAL WATER ITEMS</b>				<b>\$78,599.50</b>		<b>\$83,522.86 *</b>
<b>SUBTOTAL SANITARY SEWER ITEMS</b>				<b>\$198,165.50</b>		<b>\$182,330.80</b>
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>				<b>\$205,133.90</b>		<b>\$231,875.50</b>
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$12,000.00</b>		<b>\$14,200.00</b>
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>				<b>\$1,075.00</b>		<b>\$950.00</b>
<b>TOTAL AMOUNT BID</b>				<b>\$494,973.90</b>		<b>\$512,879.16 *</b>

\* MATHEMATICAL ERROR