

**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 BONBROOK PLANTATION SOUTH SECTION 10  
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
DECEMBER 19, 2017  
LJA ENGINEERING, INC.  
L. MARTINEZ  
DECEMBER 19, 2017  
2304-1110D (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$771,036.58
2) HURTADO CONSTRUCTION COMPANY	\$786,077.12
3) R CONSTRUCTION CIVIL, LLC	\$824,861.70
4) MONARCH CIVIL CONSTRUCTORS	\$841,214.98
5) RODRIGUEZ CONSTRUCTION GROUP, LLC	\$860,710.40
6) CROSTEX CONSTRUCTION, INC.	\$867,000.00
7) HARRIS CONSTRUCTION COMPANY, LTD.	\$895,620.55
8) PRINCIPAL SERVICES, LTD.	\$909,800.00
9) BLAZEY CONSTRUCTION SERVICES, LLC	\$940,064.05
10) D. GRIMM, INC.	\$965,000.00

CALENDAR DAYS - 45/60



I, Micheal Wang, P.E., hereby certify these bid tabulations to be true and correct.



12/20/2017

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 LJA ENGINEERING, INC.  
 L. MARTINEZ  
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 2304-1110D (9.2)

1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.      2) HURTADO CONSTRUCTION COMPANY      3) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	427	\$13.43	\$5,734.61	\$16.48	\$7,036.96	\$17.00	\$7,259.00
2.	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	3,835	\$17.01	\$65,233.35	\$12.48	\$47,860.80	\$16.50	\$63,277.50
3.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY AND FIRE HYDRANT, COMPLETE IN PLACE	EA	12	\$3,204.65	\$38,455.80	\$3,308.00	\$39,696.00	\$3,700.00	\$44,400.00
4.	1" DIAMETER "NEAR SIDE" WATER SERVICE CONNECT, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	30	\$508.79	\$15,263.70	\$598.00	\$17,940.00	\$580.00	\$17,400.00
5.	1" DIAMETER "FAR SIDE" WATER SERVICE CONNECTION, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	25	\$998.91	\$24,972.75	\$1,238.00	\$30,950.00	\$1,295.00	\$32,375.00
6.	6" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$654.35	\$654.35	\$558.00	\$558.00	\$670.00	\$670.00
7.	8" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	11	\$920.20	\$10,122.20	\$938.00	\$10,318.00	\$990.00	\$10,890.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,262	\$0.10	\$426.20	\$0.10	\$426.20	\$0.10	\$426.20
9.	6" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$1,226.22	\$1,226.22	\$130.00	\$130.00	\$1,080.00	\$1,080.00
10.	8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	3	\$1,226.22	\$3,678.66	\$350.00	\$1,050.00	\$1,100.00	\$3,300.00
11.	AUGER FOR WATER LINE LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	54	\$8.56	\$462.24	\$48.00	\$2,592.00	\$88.00	\$4,752.00
12.	REMOVE EXISTING 8" PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$1.00	\$2.00	\$210.00	\$420.00
13.	ADJUST EXISTING GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$187.25	\$187.25	\$100.00	\$100.00	\$350.00	\$350.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$166,617.33</b>		<b>\$158,659.96</b>		<b>\$186,599.70</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 0' - 8' CUT, COMPLETE IN PLACE	LF	1,192	\$20.20	\$24,078.40	\$24.18	\$28,822.56	\$19.10	\$22,767.20
2.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	1,419	\$20.20	\$28,663.80	\$24.88	\$35,304.72	\$21.00	\$29,799.00
3.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	20	\$1,685.55	\$33,711.00	\$2,028.00	\$40,560.00	\$1,770.00	\$35,400.00
4.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$2,710.15	\$2,710.15	\$3,228.00	\$3,228.00	\$1,830.00	\$1,830.00
5.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING SAND BREAKING INTO EXISTING SANITARY SEWER, DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$1,958.38	\$11,750.28	\$2,088.00	\$12,528.00	\$2,095.00	\$12,570.00

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1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.      2) HURTADO CONSTRUCTION COMPANY      3) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$640.50	\$10,248.00	\$748.00	\$11,968.00	\$930.00	\$14,880.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$819.17	\$6,553.36	\$1,588.00	\$12,704.00	\$810.00	\$6,480.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	18	\$3,201.44	\$57,625.92	\$3,222.00	\$57,996.00	\$3,520.00	\$63,360.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,611	\$0.10	\$261.10	\$0.10	\$261.10	\$0.10	\$261.10
10.	AUGER FOR 6" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	34	\$35.30	\$1,200.20	\$78.00	\$2,652.00	\$113.00	\$3,842.00
11.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$749.00	\$749.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00
12.	ADJUST EXISTING SANITARY SEWER MANHOLE, EITHER BY CORE OR RING, 3" ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	6	\$428.00	\$2,568.00	\$150.00	\$900.00	\$350.00	\$2,100.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$180,119.21</b>		<b>\$207,724.38</b>		<b>\$194,289.30</b>
<b>SANITARY SEWER - OFFSITE ITEMS</b>									
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	211	\$19.35	\$4,082.85	\$38.00	\$8,018.00	\$18.00	\$3,798.00
2.	8" PVC SEWER PIPE , C-900, DR 18, CLASS 235, 12' - 20' CUT, COMPLETE IN PLACE	LF	1,108	\$23.47	\$26,004.76	\$31.28	\$34,658.24	\$23.00	\$25,484.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	4	\$3,201.44	\$12,805.76	\$3,578.00	\$14,312.00	\$2,005.00	\$8,020.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,319	\$0.10	\$131.90	\$1.00	\$1,319.00	\$0.10	\$131.90
5.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PLUG, AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$53.50	\$53.50	\$1.00	\$1.00	\$150.00	\$150.00
<b>SANITARY SEWER - OFFSITE ITEMS</b>					<b>\$43,078.77</b>		<b>\$58,308.24</b>		<b>\$37,583.90</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	24" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	381	\$54.58	\$20,794.98	\$61.48	\$23,423.88	\$59.00	\$22,479.00
2.	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1,856	\$54.26	\$100,706.56	\$52.88	\$98,145.28	\$50.00	\$92,800.00
3.	30" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	10	\$71.66	\$716.60	\$70.28	\$702.80	\$69.00	\$690.00
4.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	863	\$72.75	\$62,783.25	\$66.98	\$57,803.74	\$70.00	\$60,410.00
5.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	414	\$96.16	\$39,810.24	\$85.88	\$35,554.32	\$93.00	\$38,502.00
6.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	158	\$147.49	\$23,303.42	\$125.88	\$19,889.04	\$169.00	\$26,702.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$752.21	\$15,796.41	\$688.00	\$14,448.00	\$1,130.00	\$23,730.00

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 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
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1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.      2) HURTADO CONSTRUCTION COMPANY      3) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	STAGE II - STANDARD 5' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$717.97	\$15,077.37	\$1,168.00	\$24,528.00	\$1,075.00	\$22,575.00
9.	STAGE I - TYPE "C-1" PRECAST INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$992.96	\$1,985.92	\$688.00	\$1,776.00	\$1,365.00	\$2,730.00
10.	STAGE II - TYPE "C-1" PRECAST INLET, (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,443.43	\$2,886.86	\$1,688.00	\$3,376.00	\$1,465.00	\$2,930.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	25	\$1,933.49	\$48,337.25	\$1,898.00	\$47,450.00	\$1,950.00	\$48,750.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	1	\$3,196.09	\$3,196.09	\$2,800.00	\$2,800.00	\$3,080.00	\$3,080.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,616	\$0.10	\$361.60	\$0.18	\$650.88	\$0.10	\$361.60
14.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDE TEMPORARY BRICK PLUGS AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$2,354.00	\$2,354.00	\$1.00	\$1.00	\$645.00	\$645.00
15.	BORE AND TUNNEL FOR 24" RCP STORM SEWER (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	EA	66	\$113.74	\$7,506.84	\$98.00	\$6,468.00	\$205.00	\$13,530.00
16.	ADJUST EXISTING TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$321.00	\$321.00	\$1,800.00	\$1,800.00	\$350.00	\$350.00
17.	PIPELINE PROTECTION COVER FOR EXISTING 16" PIPELINE (BACK TO BACK OF PROPOSED CURB, APPROXIMATE 38 LF), PER DETAIL, COMPLETE IN PLACE	LS	1	\$4,815.00	\$4,815.00	\$9,800.00	\$9,800.00	\$10,000.00	\$10,000.00
18.	OVERFLOW SWALE, 5' BOTTOM WIDTH, COMPLETE IN PLACE	LF	152	\$3.42	\$519.84	\$6.00	\$912.00	\$5.50	\$836.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$351,273.23</b>		<b>\$349,528.94</b>		<b>\$371,100.60</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING, (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
2.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR SANITARY SEWERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$6.00	\$600.00	\$6.00	\$600.00	\$6.00	\$600.00
3.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR STORM SEWERS, (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
4.	T.V. INSPECTION OF SANITARY SEWER MAINS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER ), COMPLETE IN PLACE	LF	1,000	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.70	\$1,700.00
5.	CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
6.	BROADCAST SEEDING, FERTILIZATION AND WATERING, COMPLETE IN PLACE	AC	2	\$695.50	\$1,391.00	\$1.00	\$2.00	\$600.00	\$1,200.00
7.	CITY OF ROSENBERG INSPECTION FEE (PER CITY OF ROSENBERG SCHEDULE), COMPLETE IN PLACE	LS	1	\$7,607.54	\$7,607.54	\$4,888.00	\$4,888.00	\$8,125.00	\$8,125.00
8.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES NOI AND NOT, AND REPORTS, COMPLETE IN PLACE	LS	1	\$950.00	\$950.00	\$800.00	\$800.00	\$1,200.00	\$1,200.00
9.	ALL REQUIRED CONSTRUCTION PERMITS, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$2,500.00	\$2,500.00
10.	MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$695.50	\$695.50	\$88.00	\$88.00	\$2,000.00	\$2,000.00
11.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6,886	\$1.50	\$10,329.00	\$0.10	\$688.60	\$1.20	\$8,263.20

\* MATHEMATICAL ERROR

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	AIR BRIDGE MATTING FOR PIPELINE PROTECTION, MAINTAIN AND REMOVE UPON COMPLETION OF PAVEMENT, COMPLETE IN PLACE	EA	1	\$2,675.00	\$2,675.00	\$88.00	\$88.00	\$6,000.00	\$6,000.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$29,948.04 *</b>		<b>\$11,855.60</b>		<b>\$35,288.20</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$166,617.33		\$158,659.96		\$186,599.70
SUBTOTAL SANITARY SEWER ITEMS					\$180,119.21		\$207,724.38		\$194,289.30
SANITARY SEWER – OFFSITE ITEMS					\$43,078.77		\$58,308.24		\$37,583.90
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$351,273.23		\$349,528.94		\$371,100.60 *
SUBTOTAL MISCELLANEOUS ITEMS					\$29,948.04 *		\$11,855.60		\$35,288.20
<b>TOTAL AMOUNT BID</b>					<b>\$771,036.58 *</b>		<b>\$786,077.12</b>		<b>\$824,861.70</b>

LJA Engineering, Inc.

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ITEM DESCRIPTION	UNIT	QTY	4) MONARCH CIVIL CONSTRUCTORS		5) RODRIGUEZ CONSTRUCTION GROUP, LLC		6) CROSTEX CONSTRUCTION, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>								
1. 6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	427	\$14.00	\$5,978.00	\$15.01	\$6,409.27	\$15.25	\$6,511.75
2. 8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	3,835	\$16.00	\$61,360.00	\$17.97	\$68,914.95	\$17.00	\$65,195.00
3. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY AND FIRE HYDRANT, COMPLETE IN PLACE	EA	12	\$3,179.00	\$38,148.00	\$3,261.60	\$39,139.20	\$3,300.00	\$39,600.00
4. 1" DIAMETER "NEAR SIDE" WATER SERVICE CONNECT, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	30	\$402.00	\$12,060.00	\$605.88	\$18,176.40	\$540.00	\$16,200.00
5. 1" DIAMETER "FAR SIDE" WATER SERVICE CONNECTION, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	25	\$475.00	\$11,875.00	\$1,205.28	\$30,132.00	\$1,580.00	\$39,500.00
6. 6" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$672.00	\$672.00	\$707.40	\$707.40	\$623.00	\$623.00
7. 8" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	11	\$1,012.00	\$11,132.00	\$1,063.80	\$11,701.80	\$947.00	\$10,417.00
8. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,262	\$0.01	\$42.62	\$0.11	\$468.82	\$1.00	\$4,262.00
9. 6" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$1,041.00	\$1,041.00	\$1,188.00	\$1,188.00	\$858.00	\$858.00
10. 8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	3	\$1,067.00	\$3,201.00	\$1,296.00	\$3,888.00	\$884.00	\$2,652.00
11. AUGER FOR WATER LINE LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	54	\$26.00	\$1,404.00	\$23.76	\$1,283.04	\$50.00	\$2,700.00
12. REMOVE EXISTING 8" PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$374.00	\$748.00	\$135.00	\$270.00	\$100.00	\$200.00
13. ADJUST EXISTING GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$57.00	\$57.00	\$162.00	\$162.00	\$200.00	\$200.00
<b>SUBTOTAL WATER ITEMS</b>				<b>\$147,718.62</b>		<b>\$182,440.88</b>		<b>\$188,918.75</b>
<b>SANITARY SEWER ITEMS</b>								
1. 8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 0' - 8' CUT, COMPLETE IN PLACE	LF	1,192	\$21.00	\$25,032.00	\$25.16	\$29,990.72	\$20.80	\$24,793.60
2. 8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	1,419	\$23.00	\$32,637.00	\$27.71	\$39,320.49	\$24.05	\$34,126.95
3. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	20	\$1,625.00	\$32,500.00	\$2,176.20	\$43,524.00	\$1,835.00	\$36,700.00
4. LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$2,280.00	\$2,280.00	\$3,780.00	\$3,780.00	\$2,160.00	\$2,160.00
5. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER, DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$3,555.00	\$21,330.00	\$2,322.00	\$13,932.00	\$2,441.00	\$14,646.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) MONARCH CIVIL CONSTRUCTORS		5) RODRIGUEZ CONSTRUCTION GROUP, LLC		6) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$828.00	\$13,248.00	\$827.28	\$13,236.48	\$919.00	\$14,704.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$912.00	\$7,296.00	\$1,277.64	\$10,221.12	\$856.00	\$6,848.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	18	\$3,025.00	\$54,450.00	\$3,175.20	\$57,153.60	\$3,300.00	\$59,400.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,611	\$0.01	\$26.11	\$0.11	\$287.21	\$1.00	\$2,611.00
10.	AUGER FOR 6" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	34	\$41.00	\$1,394.00	\$37.80	\$1,285.20	\$80.00	\$2,720.00
11.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$675.00	\$675.00	\$891.00	\$891.00	\$1,750.00	\$1,750.00
12.	ADJUST EXISTING SANITARY SEWER MANHOLE, EITHER BY CORE OR RING, 3" ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	6	\$135.00	\$810.00	\$567.00	\$3,402.00	\$250.00	\$1,500.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$191,678.11</b>		<b>\$217,023.82</b>		<b>\$201,959.55</b>
<b>SANITARY SEWER – OFFSITE ITEMS</b>									
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	211	\$22.00	\$4,642.00	\$25.16	\$5,308.76	\$24.05	\$5,074.55
2.	8" PVC SEWER PIPE , C-900, DR 18, CLASS 235, 12' - 20' CUT, COMPLETE IN PLACE	LF	1,108	\$29.00	\$32,132.00	\$30.51	\$33,805.08	\$33.80	\$37,450.40
3.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	4	\$2,686.00	\$10,744.00	\$3,758.40	\$15,033.60	\$5,050.00	\$20,200.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,319	\$0.01	\$13.19	\$0.11	\$145.09	\$1.00	\$1,319.00
5.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PLUG, AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$138.00	\$138.00	\$864.00	\$864.00	\$200.00	\$200.00
<b>SANITARY SEWER – OFFSITE ITEMS</b>					<b>\$47,669.19</b>		<b>\$55,156.53</b>		<b>\$64,243.95</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	24" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	381	\$68.00	\$25,908.00	\$66.56	\$25,359.36	\$55.20	\$21,031.20
2.	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1,856	\$61.00	\$113,216.00	\$53.17	\$98,683.52	\$50.25	\$93,264.00
3.	30" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	10	\$111.00	\$1,110.00	\$69.51	\$695.10	\$70.00	\$700.00
4.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	863	\$78.00	\$67,314.00	\$69.77	\$60,211.51	\$64.50	\$55,663.50
5.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	414	\$103.00	\$42,642.00	\$99.09	\$41,023.26	\$86.55	\$35,831.70
6.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	158	\$161.00	\$25,438.00	\$152.71	\$24,128.18	\$138.00	\$21,804.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$1,691.00	\$35,511.00	\$864.00	\$18,144.00	\$1,800.00	\$37,800.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

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

4) MONARCH CIVIL CONSTRUCTORS      5) RODRIGUEZ CONSTRUCTION GROUP, LLC      6) CROSTEX CONSTRUCTION, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	STAGE II - STANDARD 5' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$278.00	\$5,838.00	\$1,188.00	\$24,948.00	\$400.00	\$8,400.00
9.	STAGE I - TYPE "C-1" PRECAST INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$2,532.00	\$5,064.00	\$864.00	\$1,728.00	\$2,200.00	\$4,400.00
10.	STAGE II - TYPE "C-1" PRECAST INLET, (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$573.00	\$1,146.00	\$1,620.00	\$3,240.00	\$400.00	\$800.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	25	\$2,075.00	\$51,875.00	\$1,782.00	\$44,550.00	\$2,250.00	\$56,250.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	1	\$3,175.00	\$3,175.00	\$3,456.00	\$3,456.00	\$3,500.00	\$3,500.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,616	\$0.01	\$36.16	\$0.11	\$397.76	\$1.00	\$3,616.00
14.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDE TEMPORARY BRICK PLUGS AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$630.00	\$630.00	\$3,780.00	\$3,780.00	\$250.00	\$250.00
15.	BORE AND TUNNEL FOR 24" RCP STORM SEWER (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	EA	66	\$275.00	\$18,150.00	\$243.00	\$16,038.00	\$150.00	\$9,900.00
16.	ADJUST EXISTING TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$505.00	\$505.00	\$1,026.00	\$1,026.00	\$500.00	\$500.00
17.	PIPELINE PROTECTION COVER FOR EXISTING 16" PIPELINE (BACK TO BACK OF PROPOSED CURB, APPROXIMATE 38 LF), PER DETAIL, COMPLETE IN PLACE	LS	1	\$18,042.00	\$18,042.00	\$4,860.00	\$4,860.00	\$25,000.00	\$25,000.00
18.	OVERFLOW SWALE, 5' BOTTOM WIDTH, COMPLETE IN PLACE	LF	152	\$5.00	\$760.00	\$10.80	\$1,641.60	\$7.00	\$1,064.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$416,360.16</b>		<b>\$373,910.29</b>		<b>\$379,774.40</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING, (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	\$25.00	\$2,500.00
2.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR SANITARY SEWERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$6.00	\$600.00	\$6.00	\$600.00	\$6.00	\$600.00
3.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR STORM SEWERS, (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
4.	T.V. INSPECTION OF SANITARY SEWER MAINS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER ), COMPLETE IN PLACE	LF	1,000	\$2.25	\$2,250.00	\$2.00	\$2,000.00	\$3.00	\$3,000.00
5.	CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$15.00	\$1,500.00	\$20.00	\$2,000.00
6.	BROADCAST SEEDING, FERTILIZATION AND WATERING, COMPLETE IN PLACE	AC	2	\$675.00	\$1,350.00	\$540.00	\$1,080.00	\$500.00	\$1,000.00
7.	CITY OF ROSENBERG INSPECTION FEE (PER CITY OF ROSENBERG SCHEDULE), COMPLETE IN PLACE	LS	1	\$9,450.00	\$9,450.00	\$4,968.00	\$4,968.00	\$3,068.65	\$3,068.65
8.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES NOI AND NOT, AND REPORTS, COMPLETE IN PLACE	LS	1	\$560.00	\$560.00	\$594.00	\$594.00	\$750.00	\$750.00
9.	ALL REQUIRED CONSTRUCTION PERMITS, COMPLETE IN PLACE	LS	1	\$5,285.00	\$5,285.00	\$1,080.00	\$1,080.00	\$1,500.00	\$1,500.00
10.	MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$2,175.00	\$2,175.00	\$540.00	\$540.00	\$500.00	\$500.00
11.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6,886	\$1.15	\$7,918.90	\$1.08	\$7,436.88	\$1.45	\$9,984.70



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) MONARCH CIVIL CONSTRUCTORS		5) RODRIGUEZ CONSTRUCTION GROUP, LLC		6) CROSTEX CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	AIR BRIDGE MATTING FOR PIPELINE PROTECTION, MAINTAIN AND REMOVE UPON COMPLETION OF PAVEMENT, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$9,180.00	\$9,180.00	\$6,000.00	\$6,000.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$37,788.90</b>	<b>\$32,178.88</b>	<b>\$32,103.35</b>		
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$147,718.62	\$182,440.88	\$188,918.75		
SUBTOTAL SANITARY SEWER ITEMS					\$191,678.11	\$217,023.82	\$201,959.55		
SANITARY SEWER – OFFSITE ITEMS					\$47,669.19	\$55,156.53	\$64,243.95		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$416,360.16	\$373,910.29	\$379,774.40		
SUBTOTAL MISCELLANEOUS ITEMS					\$37,788.90	\$32,178.88	\$32,103.35		
<b>TOTAL AMOUNT BID</b>					<b>\$841,214.98</b>	<b>\$860,710.40</b>	<b>\$867,000.00</b>		

LJA Engineering, Inc.

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
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**BID OPENING DATE:**  
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**TABULATION DATE:**  
**LJA JOB NO.**

7) HARRIS CONSTRUCTION COMPANY, LTD.                      8) PRINCIPAL SERVICES, LTD.                      9) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>								
1. 6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	427	\$14.90	\$6,362.30	\$15.00	\$6,405.00	\$17.75	\$7,579.25
2. 8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	3,835	\$18.25	\$69,988.75	\$18.00	\$69,030.00	\$21.75	\$83,411.25
3. FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY AND FIRE HYDRANT, COMPLETE IN PLACE	EA	12	\$3,375.00	\$40,500.00	\$3,550.00	\$42,600.00	\$3,170.00	\$38,040.00
4. 1" DIAMETER "NEAR SIDE" WATER SERVICE CONNECT, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	30	\$635.00	\$19,050.00	\$540.00	\$16,200.00	\$715.00	\$21,450.00
5. 1" DIAMETER "FAR SIDE" WATER SERVICE CONNECTION, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	25	\$1,350.00	\$33,750.00	\$750.00	\$18,750.00	\$1,340.00	\$33,500.00
6. 6" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$675.00	\$675.00	\$700.00	\$700.00	\$670.00	\$670.00
7. 8" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	11	\$995.00	\$10,945.00	\$1,000.00	\$11,000.00	\$1,000.00	\$11,000.00
8. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,262	\$3.00	\$12,786.00	\$0.10	\$426.20	\$0.30	\$1,278.60
9. 6" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$1,060.00	\$1,060.00
10. 8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	3	\$700.00	\$2,100.00	\$1,050.00	\$3,150.00	\$1,085.00	\$3,255.00
11. AUGER FOR WATER LINE LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	54	\$30.00	\$1,620.00	\$101.50	\$5,481.00	\$12.00	\$648.00
12. REMOVE EXISTING 8" PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$300.00	\$600.00	\$397.00	\$794.00	\$330.00	\$660.00
13. ADJUST EXISTING GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$250.00	\$250.00	\$75.00	\$75.00
<b>SUBTOTAL WATER ITEMS</b>				<b>\$199,127.05</b>		<b>\$175,786.20</b>		<b>\$202,627.10</b>
<b>SANITARY SEWER ITEMS</b>								
1. 8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 0' - 8' CUT, COMPLETE IN PLACE	LF	1,192	\$22.35	\$26,641.20	\$19.00	\$22,648.00	\$23.00	\$27,416.00
2. 8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	1,419	\$24.25	\$34,410.75	\$21.00	\$29,799.00	\$24.00	\$34,056.00
3. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	20	\$2,050.00	\$41,000.00	\$1,575.00	\$31,500.00	\$2,225.00	\$44,500.00
4. LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$2,895.00	\$2,895.00	\$1,870.00	\$1,870.00	\$3,635.00	\$3,635.00
5. LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER, DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$2,785.00	\$16,710.00	\$2,465.00	\$14,790.00	\$3,000.00	\$18,000.00

**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 BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

7) HARRIS CONSTRUCTION COMPANY, LTD.                      8) PRINCIPAL SERVICES, LTD.                      9) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$600.00	\$9,600.00	\$850.00	\$13,600.00	\$825.00	\$13,200.00
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$785.00	\$6,280.00	\$1,350.00	\$10,800.00	\$1,020.00	\$8,160.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	18	\$4,000.00	\$72,000.00	\$2,950.00	\$53,100.00	\$3,160.00	\$56,880.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,611	\$3.00	\$7,833.00	\$0.10	\$261.10	\$0.30	\$783.30
10.	AUGER FOR 6" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	34	\$60.00	\$2,040.00	\$175.00	\$5,950.00	\$60.00	\$2,040.00
11.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$985.00	\$985.00	\$1,000.00	\$1,000.00	\$730.00	\$730.00
12.	ADJUST EXISTING SANITARY SEWER MANHOLE, EITHER BY CORE OR RING, 3" ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	6	\$925.00	\$5,550.00	\$350.00	\$2,100.00	\$250.00	\$1,500.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$225,944.95</b>		<b>\$187,418.10</b>		<b>\$210,900.30</b>
<b>SANITARY SEWER – OFFSITE ITEMS</b>									
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	211	\$24.25	\$5,116.75	\$26.00	\$5,486.00	\$23.00	\$4,853.00
2.	8" PVC SEWER PIPE , C-900, DR 18, CLASS 235, 12' - 20' CUT, COMPLETE IN PLACE	LF	1,108	\$26.50	\$29,362.00	\$26.00	\$28,808.00	\$29.20	\$32,353.60
3.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$3,920.00	\$15,680.00	\$3,160.00	\$12,640.00
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,319	\$3.00	\$3,957.00	\$0.10	\$131.90	\$0.30	\$395.70
5.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PLUG, AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$200.00	\$200.00	\$140.00	\$140.00
<b>SANITARY SEWER – OFFSITE ITEMS</b>					<b>\$54,635.75</b>		<b>\$50,305.90</b>		<b>\$50,382.30</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1.	24" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	381	\$60.00	\$22,860.00	\$64.00	\$24,384.00	\$65.15	\$24,822.15
2.	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1,856	\$50.00	\$92,800.00	\$59.00	\$109,504.00	\$56.20	\$104,307.20
3.	30" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	10	\$75.00	\$750.00	\$95.00	\$950.00	\$81.00	\$810.00
4.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	863	\$66.00	\$56,958.00	\$88.00	\$75,944.00	\$78.80	\$68,004.40
5.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	414	\$85.00	\$35,190.00	\$117.00	\$48,438.00	\$100.00	\$41,400.00
6.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	158	\$138.00	\$21,804.00	\$170.00	\$26,860.00	\$162.50	\$25,675.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$795.00	\$16,695.00	\$1,175.00	\$24,675.00	\$950.00	\$19,950.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

7) HARRIS CONSTRUCTION COMPANY, LTD.

8) PRINCIPAL SERVICES, LTD.

9) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	STAGE II - STANDARD 5' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$1,150.00	\$24,150.00	\$1,550.00	\$32,550.00	\$940.00	\$19,740.00
9.	STAGE I - TYPE "C-1" PRECAST INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00	\$2,050.00	\$4,100.00	\$1,200.00	\$2,400.00
10.	STAGE II - TYPE "C-1" PRECAST INLET, (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,575.00	\$3,150.00	\$1,850.00	\$3,700.00	\$1,740.00	\$3,480.00
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	25	\$2,200.00	\$55,000.00	\$1,970.00	\$49,250.00	\$2,175.00	\$54,375.00
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$3,760.00	\$3,760.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,616	\$2.50	\$9,040.00	\$0.10	\$361.60	\$0.30	\$1,084.80
14.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDE TEMPORARY BRICK PLUGS AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$7,500.00	\$7,500.00	\$280.00	\$280.00
15.	BORE AND TUNNEL FOR 24" RCP STORM SEWER (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	EA	66	\$125.00	\$8,250.00	\$250.00	\$16,500.00	\$150.00	\$9,900.00
16.	ADJUST EXISTING TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$2,100.00	\$2,100.00	\$250.00	\$250.00
17.	PIPELINE PROTECTION COVER FOR EXISTING 16" PIPELINE (BACK TO BACK OF PROPOSED CURB, APPROXIMATE 38 LF), PER DETAIL, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$27,000.00	\$27,000.00	\$42,600.00	\$42,600.00
18.	OVERFLOW SWALE, 5' BOTTOM WIDTH, COMPLETE IN PLACE	LF	152	\$7.00	\$1,064.00	\$15.00	\$2,280.00	\$7.00	\$1,064.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$380,711.00</b>		<b>\$459,096.60</b>		<b>\$423,902.55</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING, (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
2.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR SANITARY SEWERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$6.00	\$600.00	\$6.00	\$600.00	\$6.00	\$600.00
3.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR STORM SEWERS, (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
4.	T.V. INSPECTION OF SANITARY SEWER MAINS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER ), COMPLETE IN PLACE	LF	1,000	\$3.00	\$3,000.00	\$3.00	\$3,000.00	\$1.00	\$1,000.00
5.	CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$50.00	\$5,000.00	\$5.00	\$500.00	\$5.00	\$500.00
6.	BROADCAST SEEDING, FERTILIZATION AND WATERING, COMPLETE IN PLACE	AC	2	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00
7.	CITY OF ROSENBERG INSPECTION FEE (PER CITY OF ROSENBERG SCHEDULE), COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$5,935.00	\$5,935.00	\$2,600.00	\$2,600.00
8.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES NOI AND NOT, AND REPORTS, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$1,200.00	\$1,200.00	\$600.00	\$600.00
9.	ALL REQUIRED CONSTRUCTION PERMITS, COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$1,850.70	\$1,850.70	\$3,500.00	\$3,500.00
10.	MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00
11.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6,886	\$1.30	\$8,951.80	\$1.25	\$8,607.50	\$1.30	\$8,951.80

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

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

7) HARRIS CONSTRUCTION COMPANY, LTD.                      8) PRINCIPAL SERVICES, LTD.                      9) BLAZEY CONSTRUCTION SERVICES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	AIR BRIDGE MATTING FOR PIPELINE PROTECTION, MAINTAIN AND REMOVE UPON COMPLETION OF PAVEMENT, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00	\$28,000.00	\$28,000.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$35,201.80</b>		<b>\$37,193.20</b>		<b>\$52,251.80</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$199,127.05		\$175,786.20		\$202,627.10
SUBTOTAL SANITARY SEWER ITEMS					\$225,944.95		\$187,418.10		\$210,900.30
SANITARY SEWER – OFFSITE ITEMS					\$54,635.75		\$50,305.90		\$50,382.30
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$380,711.00		\$459,096.60		\$423,902.55
SUBTOTAL MISCELLANEOUS ITEMS					\$35,201.80		\$37,193.20		\$52,251.80
<b>TOTAL AMOUNT BID</b>					<b>\$895,620.55</b>		<b>\$909,800.00</b>		<b>\$940,064.05</b>

LJA Engineering, Inc.

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
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 LJA ENGINEERING, INC.  
 L. MARTINEZ  
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**BID OPENING DATE:**  
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**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

10) D. GRIMM, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>					
1.	6" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	427	\$15.99	\$6,827.73
2.	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, INCLUDING ALL NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	3,835	\$18.88	\$72,404.80
3.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, TRENCH SAFETY AND FIRE HYDRANT, COMPLETE IN PLACE	EA	12	\$3,569.05	\$42,828.60
4.	1" DIAMETER "NEAR SIDE" WATER SERVICE CONNECT, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	30	\$468.39	\$14,051.70
5.	1" DIAMETER "FAR SIDE" WATER SERVICE CONNECTION, (DOUBLE OR SINGLE AS SHOWN IN PLANS), TYPE "K" SOFT COPPER PIPE, (INCLUDES ALL FITTINGS, HARDWARE AND METER BOX, TRENCH SAFETY, MARKER), COMPLETE IN PLACE	EA	25	\$763.46	\$19,086.50
6.	6" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$853.78	\$853.78
7.	8" AWWA GATE VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	11	\$1,265.07	\$13,915.77
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,262	\$0.57	\$2,429.34
9.	6" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	1	\$1,190.19	\$1,190.19
10.	8" PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX, INCLUDES FINAL ADJUSTMENT OF BOX, COMPLETE IN PLACE	EA	3	\$1,221.17	\$3,663.51
11.	AUGER FOR WATER LINE LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	54	\$64.68	\$3,492.72
12.	REMOVE EXISTING 8" PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$384.55	\$769.10
13.	ADJUST EXISTING GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$289.58	\$289.58
<b>SUBTOTAL WATER ITEMS</b>					<b>\$181,803.32</b>
<b>SANITARY SEWER ITEMS</b>					
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 0' - 8' CUT, COMPLETE IN PLACE	LF	1,192	\$31.22	\$37,214.24
2.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	1,419	\$32.94	\$46,741.86
3.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	20	\$1,886.83	\$37,736.60
4.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$2,504.43	\$2,504.43
5.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER, DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, ANY NECESSARY FITTINGS, ETC., TRENCH SAFETY, COMPLETE IN PLACE	EA	6	\$2,631.17	\$15,787.02

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
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 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
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**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

10) D. GRIMM, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	16	\$907.18	\$14,514.88
7.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING BREAKING INTO EXISTING SANITARY SEWER DROPS, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACKS, TRENCH SAFETY, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$889.39	\$7,115.12
8.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	18	\$3,049.01	\$54,882.18
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,611	\$0.52	\$1,357.72
10.	AUGER FOR 6" SANITARY SEWER LEAD (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	34	\$82.05	\$2,789.70
11.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,493.63	\$1,493.63
12.	ADJUST EXISTING SANITARY SEWER MANHOLE, EITHER BY CORE OR RING, 3" ABOVE FINISHED GRADE, COMPLETE IN PLACE	EA	6	\$324.67	\$1,948.02
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$224,085.40</b>
<b>SANITARY SEWER – OFFSITE ITEMS</b>					
1.	8" PVC SEWER PIPE , ASTM D-2241, SDR 26, CLASS 160, 8' - 12' CUT, COMPLETE IN PLACE	LF	211	\$32.95	\$6,952.45
2.	8" PVC SEWER PIPE , C-900, DR 18, CLASS 235, 12' - 20' CUT, COMPLETE IN PLACE	LF	1,108	\$51.45	\$57,006.60
3.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE RIMS, INFLOW PROTECTORS, COMPLETE IN PLACE	EA	4	\$3,048.93	\$12,195.72
4.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,319	\$0.52	\$685.88
5.	REMOVE AND DISPOSE EXISTING 8" SANITARY SEWER PLUG, AND CONNECT PROPOSED 8" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$236.00	\$236.00
<b>SANITARY SEWER – OFFSITE ITEMS</b>					<b>\$77,076.66</b>
<b>DRAINAGE FACILITIES ITEMS</b>					
1.	24" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	381	\$69.51	\$26,483.31
2.	24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	1,856	\$66.54	\$123,498.24
3.	30" RCP, STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	10	\$85.60	\$856.00
4.	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, COMPLETE IN PLACE	LF	863	\$82.66	\$71,335.58
5.	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	414	\$108.04	\$44,728.56
6.	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL - CUTS, COMPLETE IN PLACE	LF	158	\$165.33	\$26,122.14
7.	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$993.94	\$20,872.74

**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 BONBROOK PLANTATION SOUTH SECTION 10  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
 CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
 DECEMBER 19, 2017  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 DECEMBER 19, 2017  
 2304-1110D (9.2)

10) D. GRIMM, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
8.	STAGE II - STANDARD 5' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	21	\$1,055.69	\$22,169.49
9.	STAGE I - TYPE "C-1" PRECAST INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$1,765.69	\$3,531.38
10.	STAGE II - TYPE "C-1" PRECAST INLET, (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,209.94	\$2,419.88
11.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	25	\$2,148.69	\$53,717.25
12.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, INCLUDES FINAL ADJUSTMENTS OF MANHOLE TOPS, COMPLETE IN PLACE	EA	1	\$3,062.82	\$3,062.82
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,616	\$0.52	\$1,880.32
14.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDE TEMPORARY BRICK PLUGS AND BYPASS PUMPING (AS NEEDED), COMPLETE IN PLACE	EA	1	\$1,493.63	\$1,493.63
15.	BORE AND TUNNEL FOR 24" RCP STORM SEWER (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	EA	66	\$340.09	\$22,445.94
16.	ADJUST EXISTING TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	1	\$402.34	\$402.34
17.	PIPELINE PROTECTION COVER FOR EXISTING 16" PIPELINE (BACK TO BACK OF PROPOSED CURB, APPROXIMATE 38 LF), PER DETAIL, COMPLETE IN PLACE	LS	1	\$10,198.33	\$10,198.33
18.	OVERFLOW SWALE, 5' BOTTOM WIDTH, COMPLETE IN PLACE	LF	152	\$15.54	\$2,362.08
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS</b>					<b>\$437,580.03</b>
<b>MISCELLANEOUS ITEMS</b>					
1.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00
2.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR SANITARY SEWERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$6.00	\$600.00
3.	ADDITIONAL COST FOR ROSENBERG MODIFIED SEWER BEDDING FOR STORM SEWERS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$12.00	\$1,200.00
4.	T.V. INSPECTION OF SANITARY SEWER MAINS, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER ), COMPLETE IN PLACE	LF	1,000	\$3.25	\$3,250.00
5.	CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00
6.	BROADCAST SEEDING, FERTILIZATION AND WATERING, COMPLETE IN PLACE	AC	2	\$741.78	\$1,483.56
7.	CITY OF ROSENBERG INSPECTION FEE (PER CITY OF ROSENBERG SCHEDULE), COMPLETE IN PLACE	LS	1	\$5,100.00	\$5,100.00
8.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES NOI AND NOT, AND REPORTS, COMPLETE IN PLACE	LS	1	\$1,659.44	\$1,659.44
9.	ALL REQUIRED CONSTRUCTION PERMITS, COMPLETE IN PLACE	LS	1	\$2,470.78	\$2,470.78
10.	MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$2,111.13	\$2,111.13
11.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	6,886	\$1.26	\$8,676.36

\* MATHEMATICAL ERROR



**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
TO SERVE BONBROOK PLANTATION SOUTH SECTION 10  
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 155  
CITY OF ROSENBERG E.T.J., FORT BEND COUNTY, TEXAS  
DECEMBER 19, 2017  
LJA ENGINEERING, INC.  
L. MARTINEZ  
DECEMBER 19, 2017  
2304-1110D (9.2)

10) D. GRIMM, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12.	AIR BRIDGE MATTING FOR PIPELINE PROTECTION, MAINTAIN AND REMOVE UPON COMPLETION OF PAVEMENT, COMPLETE IN PLACE	EA	1	\$13,903.33	\$13,903.33
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$44,454.60</b>
<b>BID SUMMARY</b>					
SUBTOTAL WATER ITEMS					\$181,803.32
SUBTOTAL SANITARY SEWER ITEMS					\$224,085.40
SANITARY SEWER – OFFSITE ITEMS					\$77,076.65
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$437,580.03
SUBTOTAL MISCELLANEOUS ITEMS					\$44,454.60
<b>TOTAL AMOUNT BID</b>					<b>\$965,000.00</b>

LJA Engineering, Inc.