

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
TO SERVE HUNTINGTON PLACE SECTION 4  
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
SEPTEMBER 1, 2020  
LJA ENGINEERING, INC.  
S. ROSS  
SEPTEMBER 1, 2020  
1037-2104 (9.2)

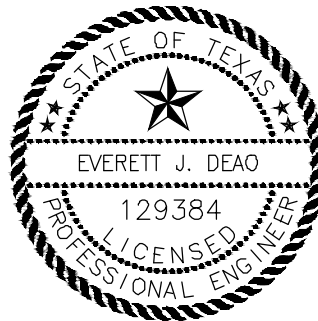
BID OPENING DATE:  
BID OPENING LOCATION:  
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) HURTADO CONSTRUCTION COMPANY	\$1,318,796.40
2) DIMAS BROS. CONSTRUCTION	\$1,356,755.25
3) CE BARKER, LTD	\$1,398,732.45
4) BLAZEY CONSTRUCTION SERVICES LLC	\$1,420,961.84
5) CROSTEX CONSTRUCTION INC.	\$1,450,000.00
6) PRINCIPAL SERVICES, LTD.	\$1,484,999.00
7) R CONSTRUCTION CIVIL	\$1,490,740.20
8) CLEARWATER UTILITIES, INC.	\$1,522,617.10
9) BAY UTILITIES. LLC	\$1,629,106.10
10) FELLERS AND CLARK LLC	\$1,679,000.00
11) D. L. ELLIOTT ENTERPRISES, INC.	\$1,789,060.00

CALENDAR DAYS 50/60



I, Everett Deao, P.E., hereby certify these bid tabulations to be true and correct.



9/1/2020

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) DIMAS BROS. CONSTRUCTION		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	757	\$33.28	\$25,192.96	\$30.65	\$23,202.05	\$27.55	\$20,855.35
2	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	26	\$33.18	\$862.68	\$35.25	\$916.50	\$41.76	\$1,085.76
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1775	\$27.38	\$48,599.50	\$25.60	\$45,440.00	\$21.36	\$37,914.00
4	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	31	\$21.18	\$656.58	\$26.00	\$806.00	\$22.78	\$706.18
5	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	326	\$16.18	\$5,274.68	\$15.25	\$4,971.50	\$12.48	\$4,068.48
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	193	\$14.48	\$2,794.64	\$15.05	\$2,904.65	\$10.55	\$2,036.15
7	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$328.00	\$1,968.00	\$335.00	\$2,010.00	\$303.71	\$1,822.26
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$4,018.00	\$32,144.00	\$3,400.00	\$27,200.00	\$3,962.42	\$31,699.36
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$118.00	\$708.00	\$88.00	\$528.00	\$221.33	\$1,327.98
10	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$318.00	\$318.00	\$384.00	\$384.00	\$526.03	\$526.03
11	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$438.00	\$438.00	\$484.00	\$484.00	\$672.51	\$672.51
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3108	\$0.08	\$248.64	\$0.50	\$1,554.00	\$0.11	\$341.88
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$119,205.68</b>		<b>\$110,400.70</b>		<b>\$103,055.94</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>									
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	76	\$30.00	\$2,280.00	\$26.30	\$1,998.80	\$28.88	\$2,194.88
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	565	\$30.00	\$16,950.00	\$29.00	\$16,385.00	\$29.85	\$16,865.25
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	349	\$30.88	\$10,777.12	\$29.35	\$10,243.15	\$32.94	\$11,496.06
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	648	\$34.00	\$22,032.00	\$40.70	\$26,373.60	\$40.15	\$26,017.20
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE	EA	13	\$3,108.00	\$40,404.00	\$3,925.00	\$51,025.00	\$2,986.61	\$38,825.93
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	80	\$140.00	\$11,200.00	\$125.00	\$10,000.00	\$180.20	\$14,416.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	FAR SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$2,725.00	\$2,725.00	\$1,787.59	\$1,787.59
8	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$1,998.00	\$27,972.00	\$1,928.00	\$26,992.00	\$1,775.01	\$24,850.14
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$458.00	\$10,076.00	\$700.00	\$15,400.00	\$451.25	\$9,927.50
10	SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	31	\$478.00	\$14,818.00	\$240.00	\$7,440.00	\$340.61	\$10,558.91
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$488.00	\$488.00	\$384.00	\$384.00	\$689.94	\$689.94
12	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, INCLUDES TEMPORARY PLUGS AND BY-PASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	5	\$688.00	\$3,440.00	\$700.00	\$3,500.00	\$877.41	\$4,387.05
13	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	4	\$438.00	\$1,752.00	\$250.00	\$1,000.00	\$971.98	\$3,887.92
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2689	\$0.08	\$215.12	\$0.50	\$1,344.50	\$2.27	\$6,104.03
15	ADDITIONAL COST FOR CONNECTION OF PROPOSED SANITARY SEWER STACK TO EXISTING IN-SERVICE SANITARY SEWER, COMPLETE IN PLACE	EA	17	\$328.00	\$5,576.00	\$100.00	\$1,700.00	\$318.01	\$5,406.17
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$172,780.24</b>		<b>\$176,511.05</b>		<b>\$177,414.57</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	956	\$54.88	\$52,465.28	\$57.00	\$54,492.00	\$67.90	\$64,912.40
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	206	\$76.00	\$15,656.00	\$72.00	\$14,832.00	\$83.07	\$17,112.42
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	8	\$122.00	\$976.00	\$142.00	\$1,136.00	\$141.71	\$1,133.68
4	54" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	66	\$208.00	\$13,728.00	\$180.00	\$11,880.00	\$229.14	\$15,123.24
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1023	\$238.00	\$243,474.00	\$241.00	\$246,543.00	\$265.10	\$271,197.30
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	419	\$298.00	\$124,862.00	\$291.00	\$121,929.00	\$317.38	\$132,982.22
7	10'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	75	\$728.00	\$54,600.00	\$770.00	\$57,750.00	\$737.81	\$55,335.75
8	6'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	826	\$398.00	\$328,748.00	\$400.00	\$330,400.00	\$397.38	\$328,235.88
9	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,488.00	\$5,952.00	\$1,415.00	\$5,660.00	\$2,054.28	\$8,217.12
10	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "E" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	1	\$6,148.00	\$6,148.00	\$9,000.00	\$9,000.00	\$5,886.05	\$5,886.05
11	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$1,488.00	\$8,928.00	\$1,890.00	\$11,340.00	\$2,605.69	\$15,634.14
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$2,808.00	\$28,080.00	\$4,484.00	\$44,840.00	\$5,254.63	\$52,546.30

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) DIMAS BROS. CONSTRUCTION		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,108.00	\$16,432.00	\$6,484.00	\$25,936.00	\$6,065.53	\$24,262.12
14	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$13,000.00	\$26,000.00	\$14,484.00	\$28,968.00	\$5,936.87	\$11,873.74
15	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	26	\$858.00	\$22,308.00	\$798.00	\$20,748.00	\$1,124.45	\$29,235.70
16	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	26	\$1,288.00	\$33,488.00	\$1,175.00	\$30,550.00	\$973.08	\$25,300.08
17	STAGE I – STANDARD 15' REINFORCED CONCRETE PRECAST INLET ("C-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,128.00	\$4,512.00	\$1,470.00	\$5,880.00	\$1,556.93	\$6,227.72
18	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	4	\$2,418.00	\$9,672.00	\$2,800.00	\$11,200.00	\$1,405.56	\$5,622.24
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3579	\$0.48	\$1,717.92	\$0.50	\$1,789.50	\$0.11	\$393.69
20	EXTREME EVENT OVERFLOW SWALE, COMPLETE IN PLACE	LF	142	\$3.28	\$465.76	\$3.50	\$497.00	\$7.62	\$1,082.04
21	ADDITIONAL COST TO CONNECT PROPOSED STAGE 1 INLET NO. 128 TO PROPOSED 10'X5' R.C. BOX, COMPLETE IN PLACE	EA	1	\$1,288.00	\$1,288.00	\$500.00	\$500.00	\$1,621.80	\$1,621.80
22	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 10'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,488.00	\$1,488.00	\$2,000.00	\$2,000.00	\$8,057.36	\$8,057.36
23	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" R.C.P. TO EXISTING MANHOLE AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO MANHOLE, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$888.00	\$1,776.00	\$600.00	\$1,200.00	\$3,838.26	\$7,676.52
24	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 6'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,288.00	\$1,288.00	\$800.00	\$800.00	\$5,732.78	\$5,732.78
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$1,004,052.96</b>		<b>\$1,039,870.50</b>		<b>\$1,095,402.29</b>
<b>MISCELLANEOUS ITEMS – WS&amp;D</b>									
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
3	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$800.00	\$1,600.00	\$0.01	\$0.02
4	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$300.00	\$300.00	\$1,081.20	\$1,081.20
5	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00

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6	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
7	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$100.00
9	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00
10	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
11	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
12	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
13	EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
14	UTILITY SPOILS (APPROXIMATELY 6,768 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$0.01	\$0.01
15	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00
16	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$150.00	\$900.00	\$150.00	\$900.00
17	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$500.00	\$500.00	\$540.60	\$540.60
18	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
19	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
20	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2498	\$0.08	\$199.84	\$0.50	\$1,249.00	\$0.01	\$24.98
21	REMOVE AND DISPOSE OF EXISTING 12" TEMPORARY ACCESS ROAD, COMPLETE IN PLACE	LF	1036	\$0.88	\$911.68	\$1.50	\$1,554.00	\$2.40	\$2,486.40
22	REMOVE AND DISPOSE EXISTING 18" CULVERTS, COMPLETE IN PLACE	LF	36	\$1.00	\$36.00	\$35.00	\$1,260.00	\$33.79	\$1,216.44
<b>MISCELLANEOUS ITEMS – WS&amp;D SUBTOTAL:</b>					<b>\$22,757.52</b>		<b>\$29,973.00</b>		<b>\$22,859.65</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL WATER ITEMS					\$119,205.68		\$110,400.70		\$103,055.94
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$172,780.24		\$176,511.05		\$177,414.57
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$1,004,052.96		\$1,039,870.50		\$1,095,402.29
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$22,757.52		\$29,973.00		\$22,859.65
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,318,796.40</b>		<b>\$1,356,755.25</b>		<b>\$1,398,732.45</b>

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
 SEPTEMBER 1, 2020  
 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) CROSTEX CONSTRUCTION INC.		6) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	757	\$33.00	\$24,981.00	\$32.25	\$24,413.25	\$32.00	\$24,224.00
2	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	26	\$48.00	\$1,248.00	\$49.00	\$1,274.00	\$47.00	\$1,222.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1775	\$24.00	\$42,600.00	\$22.00	\$39,050.00	\$26.00	\$46,150.00
4	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	31	\$26.00	\$806.00	\$25.00	\$775.00	\$30.00	\$930.00
5	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	326	\$15.00	\$4,890.00	\$13.75	\$4,482.50	\$17.00	\$5,542.00
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	193	\$12.00	\$2,316.00	\$11.50	\$2,219.50	\$15.00	\$2,895.00
7	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$272.00	\$1,632.00	\$200.00	\$1,200.00	\$494.00	\$2,964.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,547.00	\$28,376.00	\$3,600.00	\$28,800.00	\$3,952.00	\$31,616.00
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$162.00	\$972.00	\$100.00	\$600.00	\$200.00	\$1,200.00
10	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$346.00	\$346.00	\$200.00	\$200.00	\$394.00	\$394.00
11	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$463.00	\$463.00	\$200.00	\$200.00	\$529.00	\$529.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3108	\$0.27	\$839.16	\$1.05	\$3,263.40	\$0.10	\$310.80
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$109,469.16</b>		<b>\$106,477.65</b>		<b>\$117,976.80</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>									
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	76	\$29.00	\$2,204.00	\$20.75	\$1,577.00	\$31.00	\$2,356.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	565	\$30.00	\$16,950.00	\$23.50	\$13,277.50	\$33.00	\$18,645.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	349	\$31.00	\$10,819.00	\$26.50	\$9,248.50	\$34.00	\$11,866.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	648	\$32.00	\$20,736.00	\$31.00	\$20,088.00	\$40.00	\$25,920.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE	EA	13	\$3,108.00	\$40,404.00	\$2,650.00	\$34,450.00	\$2,328.00	\$30,264.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	80	\$187.00	\$14,960.00	\$265.00	\$21,200.00	\$210.00	\$16,800.00

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 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
 SEPTEMBER 1, 2020  
 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) CROSTEX CONSTRUCTION INC.		6) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	FAR SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$2,246.00	\$2,246.00	\$1,465.00	\$1,465.00	\$1,594.00	\$1,594.00
8	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$1,556.00	\$21,784.00	\$1,475.00	\$20,650.00	\$1,373.00	\$19,222.00
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$478.00	\$10,516.00	\$550.00	\$12,100.00	\$685.00	\$15,070.00
10	SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	31	\$282.00	\$8,742.00	\$350.00	\$10,850.00	\$323.00	\$10,013.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$306.00	\$306.00	\$500.00	\$500.00	\$453.00	\$453.00
12	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, INCLUDES TEMPORARY PLUGS AND BY-PASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,343.00	\$6,715.00	\$3,000.00	\$15,000.00	\$500.00	\$2,500.00
13	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	4	\$1,520.00	\$6,080.00	\$750.00	\$3,000.00	\$200.00	\$800.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2689	\$0.27	\$726.03	\$1.10	\$2,957.90	\$0.10	\$268.90
15	ADDITIONAL COST FOR CONNECTION OF PROPOSED SANITARY SEWER STACK TO EXISTING IN-SERVICE SANITARY SEWER, COMPLETE IN PLACE	EA	17	\$1,123.26	\$19,095.42	\$500.00	\$8,500.00	\$850.00	\$14,450.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$182,283.45</b>		<b>\$174,863.90</b>		<b>\$170,221.90</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	956	\$58.00	\$55,448.00	\$55.25	\$52,819.00	\$77.00	\$73,612.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	206	\$72.00	\$14,832.00	\$68.50	\$14,111.00	\$83.00	\$17,098.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	8	\$126.00	\$1,008.00	\$125.00	\$1,000.00	\$149.00	\$1,192.00
4	54" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	66	\$210.00	\$13,860.00	\$207.00	\$13,662.00	\$241.00	\$15,906.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1023	\$246.00	\$251,658.00	\$239.00	\$244,497.00	\$278.00	\$284,394.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	419	\$297.00	\$124,443.00	\$290.00	\$121,510.00	\$342.00	\$143,298.00
7	10'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	75	\$735.00	\$55,125.00	\$715.00	\$53,625.00	\$769.00	\$57,675.00
8	6'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	826	\$407.00	\$336,182.00	\$410.00	\$338,660.00	\$432.00	\$356,832.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,288.00	\$5,152.00	\$1,500.00	\$6,000.00	\$1,675.00	\$6,700.00
10	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "E" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	1	\$7,761.00	\$7,761.00	\$9,400.00	\$9,400.00	\$7,900.00	\$7,900.00
11	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,629.00	\$15,774.00	\$2,100.00	\$12,600.00	\$2,112.00	\$12,672.00
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$6,957.00	\$69,570.00	\$8,200.00	\$82,000.00	\$5,338.00	\$53,380.00

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 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
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 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) BLAZEY CONSTRUCTION SERVICES LLC		5) CROSTEX CONSTRUCTION INC.		6) PRINCIPAL SERVICES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$8,645.00	\$34,580.00	\$10,500.00	\$42,000.00	\$4,480.00	\$17,920.00
14	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$7,788.00	\$15,576.00	\$9,000.00	\$18,000.00	\$8,333.00	\$16,666.00
15	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	26	\$1,059.00	\$27,534.00	\$1,800.00	\$46,800.00	\$963.00	\$25,038.00
16	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	26	\$1,060.00	\$27,560.00	\$300.00	\$7,800.00	\$1,345.00	\$34,970.00
17	STAGE I – STANDARD 15' REINFORCED CONCRETE PRECAST INLET ("C-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$3,108.00	\$12,432.00	\$3,000.00	\$12,000.00	\$1,015.00	\$4,060.00
18	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	4	\$1,699.00	\$6,796.00	\$1,500.00	\$6,000.00	\$2,152.00	\$8,608.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3579	\$0.27	\$966.33	\$1.05	\$3,757.95	\$0.10	\$357.90
20	EXTREME EVENT OVERFLOW SWALE, COMPLETE IN PLACE	LF	142	\$6.00	\$852.00	\$20.00	\$2,840.00	\$18.00	\$2,556.00
21	ADDITIONAL COST TO CONNECT PROPOSED STAGE 1 INLET NO. 128 TO PROPOSED 10'X5' R.C. BOX, COMPLETE IN PLACE	EA	1	\$798.00	\$798.00	\$1,500.00	\$1,500.00	\$1,068.00	\$1,068.00
22	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 10'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$2,400.00	\$2,400.00	\$7,500.00	\$7,500.00	\$2,453.00	\$2,453.00
23	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" R.C.P. TO EXISTING MANHOLE AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO MANHOLE, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$2,080.00	\$4,160.00	\$1,000.00	\$2,000.00	\$2,017.00	\$4,034.00
24	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 6'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,863.00	\$1,863.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$1,086,330.33</b>		<b>\$1,105,081.95</b>		<b>\$1,149,389.90</b>
<b>MISCELLANEOUS ITEMS – WS&amp;D</b>									
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.25	\$125.00	\$2.00	\$200.00	\$1.00	\$100.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$2.00	\$200.00	\$1.00	\$100.00
3	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$1,800.00	\$3,600.00	\$1,500.00	\$3,000.00
4	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$745.00	\$745.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
5	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$20.00	\$20.00	\$50.00	\$50.00



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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
7	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00
8	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$100.00
9	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$25.00	\$250.00	\$15.00	\$150.00
10	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
11	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
12	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
13	EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$25.00	\$12,500.00
14	UTILITY SPOILS (APPROXIMATELY 6,768 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$7,453.00	\$7,453.00	\$18,500.00	\$18,500.00	\$6,342.40	\$6,342.40
15	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$800.00	\$800.00	\$450.00	\$450.00	\$600.00	\$600.00
16	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$150.00	\$900.00	\$150.00	\$900.00
17	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$665.00	\$665.00	\$1,110.50	\$1,110.50	\$350.00	\$350.00
18	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$800.00	\$800.00	\$800.00	\$800.00
19	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$1,200.00	\$1,200.00	\$800.00	\$800.00
20	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2498	\$2.25	\$5,620.50	\$3.00	\$7,494.00	\$2.00	\$4,996.00
21	REMOVE AND DISPOSE OF EXISTING 12" TEMPORARY ACCESS ROAD, COMPLETE IN PLACE	LF	1036	\$5.00	\$5,180.00	\$12.00	\$12,432.00	\$10.00	\$10,360.00
22	REMOVE AND DISPOSE EXISTING 18" CULVERTS, COMPLETE IN PLACE	LF	36	\$6.40	\$230.40	\$20.00	\$720.00	\$42.00	\$1,512.00
<b>MISCELLANEOUS ITEMS – WS&amp;D SUBTOTAL:</b>					<b>\$42,878.90</b>	<b>\$63,576.50</b>	<b>\$47,410.40</b>		
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL WATER ITEMS					\$109,469.16	\$106,477.65	\$117,976.80		
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$182,283.45	\$174,863.90	\$170,221.90		
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$1,086,330.33	\$1,105,081.95	\$1,149,389.90		
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$42,878.90	\$63,576.50	\$47,410.40		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,420,961.84</b>	<b>\$1,450,000.00</b>	<b>\$1,484,999.00</b>		

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**LJA JOB NO.**

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
 SEPTEMBER 1, 2020  
 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) R CONSTRUCTION CIVIL		8) CLEARWATER UTILITIES, INC.		9) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	757	\$26.00	\$19,682.00	\$28.00	\$21,196.00	\$31.00	\$23,467.00
2	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	26	\$53.00	\$1,378.00	\$54.00	\$1,404.00	\$32.00	\$832.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1775	\$20.00	\$35,500.00	\$23.50	\$41,712.50	\$25.00	\$44,375.00
4	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	31	\$34.00	\$1,054.00	\$21.00	\$651.00	\$28.00	\$868.00
5	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	326	\$13.00	\$4,238.00	\$15.00	\$4,890.00	\$14.00	\$4,564.00
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	193	\$11.00	\$2,123.00	\$13.00	\$2,509.00	\$11.00	\$2,123.00
7	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$700.00	\$4,200.00	\$409.00	\$2,454.00	\$300.00	\$1,800.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$4,300.00	\$34,400.00	\$3,454.00	\$27,632.00	\$3,800.00	\$30,400.00
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$130.00	\$780.00	\$109.00	\$654.00	\$200.00	\$1,200.00
10	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$358.00	\$358.00	\$1,000.00	\$1,000.00
11	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$358.00	\$358.00	\$1,000.00	\$1,000.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3108	\$0.10	\$310.80	\$0.10	\$310.80	\$0.10	\$310.80
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$104,215.80</b>		<b>\$104,129.30</b>		<b>\$111,939.80</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>									
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	76	\$23.00	\$1,748.00	\$45.00	\$3,420.00	\$59.00	\$4,484.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	565	\$27.00	\$15,255.00	\$48.00	\$27,120.00	\$60.00	\$33,900.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	349	\$33.00	\$11,517.00	\$49.00	\$17,101.00	\$61.00	\$21,289.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	648	\$51.00	\$33,048.00	\$50.00	\$32,400.00	\$63.00	\$40,824.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE	EA	13	\$2,150.00	\$27,950.00	\$2,369.00	\$30,797.00	\$4,000.00	\$52,000.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	80	\$140.00	\$11,200.00	\$159.00	\$12,720.00	\$175.00	\$14,000.00

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 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
 SEPTEMBER 1, 2020  
 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) R CONSTRUCTION CIVIL		8) CLEARWATER UTILITIES, INC.		9) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	FAR SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$4,026.00	\$4,026.00	\$6,000.00	\$6,000.00
8	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$1,300.00	\$18,200.00	\$2,394.00	\$33,516.00	\$2,000.00	\$28,000.00
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$600.00	\$13,200.00	\$729.00	\$16,038.00	\$600.00	\$13,200.00
10	SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	31	\$430.00	\$13,330.00	\$565.00	\$17,515.00	\$500.00	\$15,500.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$600.00	\$600.00
12	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, INCLUDES TEMPORARY PLUGS AND BY-PASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,000.00	\$5,000.00	\$1,125.00	\$5,625.00	\$1,000.00	\$5,000.00
13	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	4	\$420.00	\$1,680.00	\$51.00	\$204.00	\$300.00	\$1,200.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2689	\$0.10	\$268.90	\$0.10	\$268.90	\$0.10	\$268.90
15	ADDITIONAL COST FOR CONNECTION OF PROPOSED SANITARY SEWER STACK TO EXISTING IN-SERVICE SANITARY SEWER, COMPLETE IN PLACE	EA	17	\$100.00	\$1,700.00	\$256.00	\$4,352.00	\$500.00	\$8,500.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$156,096.90</b>		<b>\$205,702.90</b>		<b>\$244,765.90</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	956	\$62.00	\$59,272.00	\$68.00	\$65,008.00	\$56.00	\$53,536.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	206	\$75.00	\$15,450.00	\$75.00	\$15,450.00	\$72.00	\$14,832.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	8	\$154.00	\$1,232.00	\$137.00	\$1,096.00	\$129.00	\$1,032.00
4	54" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	66	\$229.00	\$15,114.00	\$217.00	\$14,322.00	\$217.00	\$14,322.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1023	\$286.00	\$292,578.00	\$251.00	\$256,773.00	\$264.00	\$270,072.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	419	\$350.00	\$146,650.00	\$303.00	\$126,957.00	\$316.00	\$132,404.00
7	10'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	75	\$847.00	\$63,525.00	\$785.00	\$58,875.00	\$809.00	\$60,675.00
8	6'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	826	\$418.00	\$345,268.00	\$409.00	\$337,834.00	\$456.00	\$376,656.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$1,796.00	\$7,184.00	\$1,000.00	\$4,000.00
10	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "E" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	1	\$9,000.00	\$9,000.00	\$7,682.00	\$7,682.00	\$24,000.00	\$24,000.00
11	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,200.00	\$13,200.00	\$2,052.00	\$12,312.00	\$1,700.00	\$10,200.00
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$7,000.00	\$70,000.00	\$8,332.00	\$83,320.00	\$9,700.00	\$97,000.00

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 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
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 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) R CONSTRUCTION CIVIL		8) CLEARWATER UTILITIES, INC.		9) BAY UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$9,000.00	\$36,000.00	\$6,959.00	\$27,836.00	\$8,400.00	\$33,600.00
14	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$10,000.00	\$20,000.00	\$15,915.00	\$31,830.00	\$9,600.00	\$19,200.00
15	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	26	\$600.00	\$15,600.00	\$1,272.00	\$33,072.00	\$1,400.00	\$36,400.00
16	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	26	\$1,800.00	\$46,800.00	\$1,054.00	\$27,404.00	\$1,000.00	\$26,000.00
17	STAGE I – STANDARD 15' REINFORCED CONCRETE PRECAST INLET ("C-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$3,000.00	\$12,000.00	\$1,745.00	\$6,980.00	\$6,000.00	\$24,000.00
18	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	4	\$3,000.00	\$12,000.00	\$3,451.00	\$13,804.00	\$2,900.00	\$11,600.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3579	\$0.10	\$357.90	\$0.10	\$357.90	\$0.10	\$357.90
20	EXTREME EVENT OVERFLOW SWALE, COMPLETE IN PLACE	LF	142	\$8.00	\$1,136.00	\$11.00	\$1,562.00	\$6.00	\$852.00
21	ADDITIONAL COST TO CONNECT PROPOSED STAGE 1 INLET NO. 128 TO PROPOSED 10'X5' R.C. BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,994.00	\$1,994.00	\$600.00	\$600.00
22	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 10'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$900.00	\$900.00	\$5,369.00	\$5,369.00	\$4,000.00	\$4,000.00
23	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" R.C.P. TO EXISTING MANHOLE AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO MANHOLE, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$2,400.00	\$4,800.00	\$1,278.00	\$2,556.00	\$3,000.00	\$6,000.00
24	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 6'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$4,653.00	\$4,653.00	\$3,000.00	\$3,000.00
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$1,186,982.90</b>		<b>\$1,144,230.90</b>		<b>\$1,224,338.90</b>
<b>MISCELLANEOUS ITEMS – WS&amp;D</b>									
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
3	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$1,534.00	\$3,068.00	\$2,800.00	\$5,600.00
4	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$102.00	\$102.00	\$200.00	\$200.00
5	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
7	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$100.00
9	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00
10	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
11	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
12	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
13	EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
14	UTILITY SPOILS (APPROXIMATELY 6,768 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$6,800.00	\$6,800.00	\$35,133.00	\$35,133.00	\$13,000.00	\$13,000.00
15	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00
16	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$150.00	\$900.00	\$150.00	\$900.00
17	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,950.00	\$1,950.00	\$300.00	\$300.00
18	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
19	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
20	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2498	\$1.70	\$4,246.60	\$1.50	\$3,747.00	\$1.75	\$4,371.50
21	REMOVE AND DISPOSE OF EXISTING 12" TEMPORARY ACCESS ROAD, COMPLETE IN PLACE	LF	1036	\$8.00	\$8,288.00	\$6.00	\$6,216.00	\$6.00	\$6,216.00
22	REMOVE AND DISPOSE EXISTING 18" CULVERTS, COMPLETE IN PLACE	LF	36	\$25.00	\$900.00	\$23.00	\$828.00	\$24.00	\$864.00
<b>MISCELLANEOUS ITEMS – WS&amp;D SUBTOTAL:</b>					<b>\$43,444.60</b>		<b>\$68,554.00</b>		<b>\$48,061.50</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL WATER ITEMS					\$104,215.80		\$104,129.30		\$111,939.80
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$156,096.90		\$205,702.90		\$244,765.90
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$1,186,982.90		\$1,144,230.90		\$1,224,338.90
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$43,444.60		\$68,554.00		\$48,061.50
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,490,740.20</b>		<b>\$1,522,617.10</b>		<b>\$1,629,106.10</b>

**BID TABULATION FOR:**

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE HUNTINGTON PLACE SECTION 4  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
 SEPTEMBER 1, 2020  
 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	10) FELLERS AND CLARK LLC		11) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>							
1	12" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	757	\$31.70	\$23,996.90	\$32.00	\$24,224.00
2	12" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	26	\$39.70	\$1,032.20	\$50.00	\$1,300.00
3	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1775	\$27.20	\$48,280.00	\$25.00	\$44,375.00
4	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	31	\$25.50	\$790.50	\$28.00	\$868.00
5	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	326	\$16.70	\$5,444.20	\$16.00	\$5,216.00
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	193	\$14.20	\$2,740.60	\$13.00	\$2,509.00
7	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$445.00	\$2,670.00	\$65.00	\$390.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,915.00	\$31,320.00	\$3,800.00	\$30,400.00
9	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$130.00	\$780.00	\$85.00	\$510.00
10	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$170.00	\$170.00	\$350.00	\$350.00
11	REMOVAL OF EXISTING PLUG & CLAMP, 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	1	\$170.00	\$170.00	\$450.00	\$450.00
12	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	3108	\$0.10	\$310.80	\$1.00	\$3,108.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$117,705.20</b>		<b>\$113,700.00</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>							
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	76	\$53.20	\$4,043.20	\$25.00	\$1,900.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	565	\$53.20	\$30,058.00	\$28.00	\$15,820.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	349	\$53.20	\$18,566.80	\$35.00	\$12,215.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	648	\$53.20	\$34,473.60	\$55.00	\$35,640.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR, COMPLETE IN PLACE	EA	13	\$3,555.00	\$46,215.00	\$3,100.00	\$40,300.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	80	\$206.00	\$16,480.00	\$180.00	\$14,400.00

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 1, 2020  
 LJA ENGINEERING, INC.  
 S. ROSS  
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 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	10) FELLERS AND CLARK LLC		11) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	FAR SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$3,510.00	\$3,510.00	\$2,000.00	\$2,000.00
8	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$2,195.00	\$30,730.00	\$1,700.00	\$23,800.00
9	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$645.00	\$14,190.00	\$650.00	\$14,300.00
10	SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	31	\$290.00	\$8,990.00	\$370.00	\$11,470.00
11	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$480.00	\$480.00	\$750.00	\$750.00
12	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING SANITARY SEWER SYSTEM, INCLUDES TEMPORARY PLUGS AND BY-PASS PUMPING AS NECESSARY, COMPLETE IN PLACE	EA	5	\$1,225.00	\$6,125.00	\$1,100.00	\$5,500.00
13	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	4	\$250.00	\$1,000.00	\$500.00	\$2,000.00
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2689	\$0.10	\$268.90	\$1.00	\$2,689.00
15	ADDITIONAL COST FOR CONNECTION OF PROPOSED SANITARY SEWER STACK TO EXISTING IN-SERVICE SANITARY SEWER, COMPLETE IN PLACE	EA	17	\$555.00	\$9,435.00	\$500.00	\$8,500.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$224,565.50</b>		<b>\$191,284.00</b>
<b>STORM SEWER SYSTEM ITEMS</b>							
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	956	\$73.25	\$70,027.00	\$63.00	\$60,228.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	206	\$82.40	\$16,974.40	\$80.00	\$16,480.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	8	\$154.80	\$1,238.40	\$250.00	\$2,000.00
4	54" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	66	\$237.40	\$15,668.40	\$290.00	\$19,140.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1023	\$274.05	\$280,353.15	\$300.00	\$306,900.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	419	\$331.45	\$138,877.55	\$350.00	\$146,650.00
7	10'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	75	\$858.35	\$64,376.25	\$460.00	\$34,500.00
8	6'X5' R.C. BOX STORM SEWER, ASTM C-1433, ALL CUTS, COMPLETE IN PLACE	LF	826	\$472.20	\$390,037.20	\$765.00	\$631,890.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON BOX CULVERT, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$2,005.00	\$8,020.00	\$1,700.00	\$6,800.00
10	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "E" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	1	\$12,530.00	\$12,530.00	\$9,700.00	\$9,700.00
11	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,360.00	\$14,160.00	\$2,200.00	\$13,200.00
12	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	10	\$5,960.00	\$59,600.00	\$6,300.00	\$63,000.00

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 189  
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 S. ROSS  
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 1037-2104 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	10) FELLERS AND CLARK LLC		11) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$6,515.00	\$26,060.00	\$5,000.00	\$20,000.00
14	PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE JUNCTION BOX FOR STORM SEWER INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS & SIZES, ADJUSTMENT, COMPLETE IN PLACE	EA	2	\$23,040.00	\$46,080.00	\$6,900.00	\$13,800.00
15	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	26	\$975.00	\$25,350.00	\$1,000.00	\$26,000.00
16	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	26	\$1,675.00	\$43,550.00	\$1,500.00	\$39,000.00
17	STAGE I – STANDARD 15' REINFORCED CONCRETE PRECAST INLET ("C-2"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	4	\$1,450.00	\$5,800.00	\$1,600.00	\$6,400.00
18	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	4	\$4,340.00	\$17,360.00	\$2,400.00	\$9,600.00
19	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3579	\$0.10	\$357.90	\$1.00	\$3,579.00
20	EXTREME EVENT OVERFLOW SWALE, COMPLETE IN PLACE	LF	142	\$19.80	\$2,811.60	\$10.00	\$1,420.00
21	ADDITIONAL COST TO CONNECT PROPOSED STAGE 1 INLET NO. 128 TO PROPOSED 10'X5' R.C. BOX, COMPLETE IN PLACE	EA	1	\$945.00	\$945.00	\$1,000.00	\$1,000.00
22	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 10'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$13,920.00	\$13,920.00	\$1,800.00	\$1,800.00
23	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" R.C.P. TO EXISTING MANHOLE AS SHOWN IN PLANS, INCLUDES REMOVAL OF TYPE 'E' M.H. TOP AND REPLACE WITH TYPE 'C' M.H. TOP, TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO MANHOLE, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$1,450.00	\$2,900.00	\$1,800.00	\$3,600.00
24	BREAK INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 6'X5' R.C. BOX TO EXISTING JUNCTION BOX AS SHOWN IN PLANS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CONNECTION TO JUNCTION BOX, GROUTING, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,620.00	\$3,620.00	\$1,800.00	\$1,800.00
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$1,260,616.85</b>		<b>\$1,438,487.00</b>
<b>MISCELLANEOUS ITEMS – WS&amp;D</b>							
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$2.00	\$200.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$2.00	\$200.00
3	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$1,390.00	\$2,780.00	\$2,000.00	\$4,000.00
4	CONCRETE TRUCK WASH OUT STATION, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$110.00	\$110.00	\$600.00	\$600.00
5	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00



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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00
7	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00
9	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00
10	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00
11	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00
12	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00
13	EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
14	UTILITY SPOILS (APPROXIMATELY 6,768 CY), (95% STANDARD PROCTOR DENSITY), TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$18,930.00	\$18,930.00	\$11,500.00	\$11,500.00
15	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00
16	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$150.00	\$900.00
17	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,654.95	\$1,654.95	\$1,600.00	\$1,600.00
18	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00
19	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,800.00	\$1,800.00
20	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2498	\$2.25	\$5,620.50	\$1.50	\$3,747.00
21	REMOVE AND DISPOSE OF EXISTING 12' TEMPORARY ACCESS ROAD, COMPLETE IN PLACE	LF	1036	\$27.05	\$28,023.80	\$5.00	\$5,180.00
22	REMOVE AND DISPOSE EXISTING 18" CULVERTS, COMPLETE IN PLACE	LF	36	\$41.20	\$1,483.20	\$7.00	\$252.00
<b>MISCELLANEOUS ITEMS – WS&amp;D SUBTOTAL:</b>					<b>\$76,112.45</b>	<b>\$45,589.00</b>	
<b><u>BIDDING SUMMARY</u></b>							
SUBTOTAL WATER ITEMS					\$117,705.20	\$113,700.00	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$224,565.50	\$191,284.00	
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$1,260,616.85	\$1,438,487.00	
SUBTOTAL MISCELLANEOUS ITEMS – WS&D					\$76,112.45	\$45,589.00	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,679,000.00</b>	<b>\$1,789,060.00</b>	