

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
TO SERVE CALDWELL RANCH SECTION 3B
BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
JANUARY 27, 2021
LJA ENGINEERING, INC.
D. FORREST
JANUARY 27, 2021
1931-8076A&B (9.2)

BID OPENING DATE:
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TABULATION BY:
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS
1) RODRIGUEZ CONSTRUCTION GROUP, LLC	\$813,600.00	\$1,520,100.75
2) DIMAS BROS. CONSTRUCTION	\$846,295.88	\$1,553,703.51
3) CE BARKER, LTD	\$949,054.72	\$1,782,857.97
4) R CONSTRUCTION CIVIL	\$994,361.40	\$1,780,147.90
5) D. L. ELLIOTT ENTERPRISES, INC.	\$997,799.50	\$1,885,838.10
6) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,024,695.25	\$1,898,102.05

CALENDAR DAYS - 90/100

Kathleen Kinchen

I, Kathleen Kinchen, P.E., hereby certify these bid tabulations to be true and correct.



01-27-2021

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ITEM	DESCRIPTION	UNIT	QTY	1) RODRIGUEZ CONSTRUCTION GROUP, LLC		2) DIMAS BROS. CONSTRUCTION		3) CE BARKER, LTD		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER SYSTEM ITEMS										
1	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	331	\$14.14	\$4,680.34	\$16.25	\$5,378.75	\$12.59	\$4,167.29	
2	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	3158	\$19.12	\$60,380.96	\$21.60	\$68,212.80	\$16.62	\$52,485.96	
3	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	7	\$3,883.46	\$27,184.22	\$4,020.00	\$28,140.00	\$4,274.09	\$29,918.63	
4	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$759.60	\$759.80	\$625.00	\$625.00	\$732.03	\$732.03	
5	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,097.20	\$6,583.20	\$948.00	\$5,688.00	\$1,049.73	\$6,298.38	
6	8" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$395.63	\$395.63	\$484.00	\$484.00	\$383.23	\$383.23	
7	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	1.32	\$4,014.28	\$5,298.85	\$1.00	\$1.32	\$4,055.45	\$5,353.19	
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3489	\$0.11	\$383.79	\$1.00	\$3,489.00	\$0.14	\$488.46	
9	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$105.50	\$105.50	\$284.00	\$284.00	\$627.67	\$627.67	
10	BORE AND JACK OR TUNNEL FOR 6" WATERLINE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$15.83	\$1,519.68	\$30.00	\$2,880.00	\$53.35	\$5,121.60	
11	WATER SERVICE SLEEVE FOR 3/4" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	EA	6	\$263.75	\$1,582.50	\$288.00	\$1,728.00	\$820.64	\$4,923.84	
12	WATER SERVICE SLEEVE FOR 1" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	EA	24	\$316.50	\$7,596.00	\$584.00	\$14,016.00	\$837.82	\$20,107.68	
WATER SYSTEM ITEMS SUBTOTAL:					\$116,470.27		\$130,926.87		\$130,607.96	
SANITARY SEWER SYSTEM ITEMS										
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2339	\$27.87	\$65,187.93	\$29.60	\$69,234.40	\$33.14	\$77,514.46	
2	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 12'-16' DEPTH, COMPLETE IN PLACE	LF	926	\$30.07	\$27,844.82	\$30.60	\$28,335.60	\$37.22	\$34,465.72	
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	19	\$2,901.25	\$55,123.75	\$3,550.00	\$67,450.00	\$2,968.81	\$56,407.39	
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	19	\$26.38	\$501.22	\$50.00	\$950.00	\$0.01	\$0.19	
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	51.86	\$174.08	\$9,027.79	\$151.00	\$7,830.86	\$189.11	\$9,807.24	
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	31	\$802.86	\$24,888.66	\$908.00	\$28,148.00	\$633.03	\$19,623.93	
7	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1539	\$31.65	\$48,709.35	\$33.75	\$51,941.25	\$45.94	\$70,701.66	

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ITEM	DESCRIPTION	UNIT	QTY	1) RODRIGUEZ CONSTRUCTION GROUP, LLC		2) DIMAS BROS. CONSTRUCTION		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4804	\$20.00	\$96,080.00	\$20.00	\$96,080.00	\$20.00	\$96,080.00
9	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3265	\$1.06	\$3,460.90	\$0.10	\$326.50	\$0.01	\$32.65
10	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	4804	\$0.11	\$528.44	\$1.00	\$4,804.00	\$0.14	\$672.56
11	CORE INTO EXIST. SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$889.43	\$889.43	\$884.00	\$884.00	\$1,108.78	\$1,108.78
12	BORE AND JACK OR TUNNEL FOR 6" SANITARY SEWER PIPE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	58	\$26.38	\$1,530.04	\$40.00	\$2,320.00	\$77.01	\$4,466.58
13	BORE AND JACK OR TUNNEL FOR 8" SANITARY SEWER PIPE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	13	\$105.50	\$1,371.50	\$93.00	\$1,209.00	\$169.05	\$2,197.65
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$335,143.83	\$359,613.61		\$373,078.81	
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1778	\$50.24	\$89,326.72	\$50.25	\$89,344.50	\$57.28	\$101,843.84
2	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	899	\$89.97	\$80,883.03	\$78.80	\$70,841.20	\$93.63	\$84,173.37
3	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	26	\$844.00	\$21,944.00	\$795.00	\$20,670.00	\$1,382.51	\$35,945.26
4	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	26	\$949.50	\$24,687.00	\$1,200.00	\$31,200.00	\$1,272.35	\$33,081.10
5	STAGE I – STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,899.00	\$3,798.00	\$1,100.00	\$2,200.00	\$1,602.83	\$3,205.66
6	STAGE II – STANDARD 10' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$2,637.50	\$5,275.00	\$1,755.00	\$3,510.00	\$1,492.67	\$2,985.34
7	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,110.00	\$35,870.00	\$2,735.00	\$46,495.00	\$2,897.21	\$49,252.57
8	CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED 24" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	1	\$527.50	\$527.50	\$284.00	\$284.00	\$1,074.06	\$1,074.06
9	CORE INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 24" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	4	\$527.50	\$2,110.00	\$350.00	\$1,400.00	\$1,349.46	\$5,397.84
10	CORE INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 36" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	1	\$2,110.00	\$2,110.00	\$350.00	\$350.00	\$1,735.02	\$1,735.02
11	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	17	\$26.38	\$448.46	\$50.00	\$850.00	\$0.01	\$0.17
12	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	2677	\$0.11	\$294.47	\$1.00	\$2,677.00	\$0.14	\$374.78

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2677	\$20.00	\$53,540.00	\$20.00	\$53,540.00	\$20.00	\$53,540.00
14	DRAINAGE OVERFLOW SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE	LF	116	\$12.66	\$1,468.56	\$6.00	\$696.00	\$9.96	\$1,039.36
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$322,282.74		\$324,057.70		\$373,648.37
WS&D MISCELLANEOUS ITEMS									
1	METHOD "A" WS&D CONSTRUCTION STAKING AS PER GBI PARTNERS (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$527.50	\$527.50	\$800.00	\$800.00	\$3,095.50	\$3,095.50
3	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	4853	\$1.06	\$5,144.18	\$1.00	\$4,853.00	\$2.35	\$11,404.55
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	28	\$58.03	\$1,624.84	\$10.00	\$280.00	\$58.38	\$1,634.64
6	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4313	\$0.58	\$2,501.54	\$0.10	\$431.30	\$1.38	\$5,951.94
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$527.50	\$527.50	\$500.00	\$500.00	\$716.04	\$716.04
8	MISCELLANEOUS CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL AS NEEDED, (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$527.50	\$527.50	\$1,000.00	\$1,000.00	\$0.01	\$0.01
9	POLY WRAP AS PER ALPHA TESTING DETAIL, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	SF	501670	\$0.03	\$15,050.10	\$0.02	\$10,033.40	\$0.07	\$35,116.90
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$39,703.16		\$31,897.70		\$71,719.58
ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	11419	\$38.51	\$439,745.69	\$39.50	\$451,050.50	\$41.31	\$471,718.89
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1661	\$3.17	\$5,265.37	\$3.25	\$5,398.25	\$3.47	\$5,783.67
3	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	4962	\$3.17	\$15,729.54	\$3.25	\$16,126.50	\$3.47	\$17,218.14
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	12161	\$2.37	\$28,821.57	\$2.40	\$29,186.40	\$2.48	\$30,159.28
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	218.9	\$195.18	\$42,724.90	\$205.00	\$44,874.50	\$242.35	\$53,050.42

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6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY, LOT FILL AND IN SPECIFIED FILL AREAS, (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	10907	\$4.75	\$51,808.25	\$3.75	\$40,901.25	\$5.51	\$60,097.57
7	EXISTING OFFSITE STOCKPILE (LOCATED APPROXIMATELY 1800' EAST OF SITE) TO BE USED FOR ONSITE LOT FILL (PER THE GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	5090	\$7.39	\$37,615.10	\$5.00	\$25,450.00	\$5.51	\$28,045.90
8	FINAL LOT GRADING, INCLUDING RESERVES, STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	104	\$142.43	\$14,812.72	\$125.00	\$13,000.00	\$192.78	\$20,049.12
9	TYPE 7 WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME SURFACE TO BE STAINED WITH CONTRASTING COLOR PER THE CONSTRUCTION PLAN SET, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	12	\$1,213.25	\$14,559.00	\$1,100.00	\$13,200.00	\$1,982.88	\$23,794.56
10	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$7,912.50	\$7,912.50	\$10,000.00	\$10,000.00	\$7,490.88	\$7,490.88
11	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	7	\$15.83	\$110.81	\$10.00	\$70.00	\$9.91	\$69.37
12	REMOVE AND RELOCATE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$52.75	\$52.75	\$100.00	\$100.00	\$1,101.60	\$1,101.60
13	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	4.03	\$527.50	\$2,125.83	\$1,000.00	\$4,030.00	\$1,927.80	\$7,769.03
14	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	17.4	\$158.25	\$2,753.55	\$100.00	\$1,740.00	\$1,211.76	\$21,084.62
15	STANDARD PAVING HEADERS, COMPLETE IN PLACE	LF	28	\$15.83	\$443.24	\$50.00	\$1,400.00	\$22.03	\$616.84
16	METHOD "A" PAVING CONSTRUCTION STAKING AS PER GBI PARTNERS (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00
17	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	28	\$58.03	\$1,624.84	\$50.00	\$1,400.00	\$27.54	\$771.12
18	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE (BACK OF CURB) SWMHCA SPECIFICATIONS NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6623	\$0.58	\$3,841.34	\$0.01	\$66.23	\$2.48	\$16,425.04
19	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$534.07	\$534.07	\$800.00	\$800.00	\$1,652.40	\$1,652.40
20	5" REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	1496	\$15.83	\$23,681.68	\$24.50	\$36,652.00	\$35.80	\$53,556.80
21	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 14 OF 33 OF CONSTRUCTION PLAN, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
22	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	200	\$16.88	\$3,376.00	\$15.00	\$3,000.00	\$22.03	\$4,406.00
ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:					\$706,509.75		\$707,407.63		\$833,803.25

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 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 JANUARY 27, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 JANUARY 27, 2021
 1931-8076A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) RODRIGUEZ CONSTRUCTION GROUP, LLC		2) DIMAS BROS. CONSTRUCTION		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>									
	SUBTOTAL WATER SYSTEM ITEMS				\$116,470.27		\$130,926.87		\$130,607.96
	SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$335,143.83		\$359,613.61		\$373,078.81
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$322,282.74		\$324,057.70		\$373,648.37
	SUBTOTAL WS&D MISCELLANEOUS ITEMS				\$39,703.16		\$31,697.70		\$71,719.58
	TOTAL AMOUNT BASE BID				\$813,600.00		\$846,295.88		\$949,054.72
<u>ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS</u>									
	TOTAL AMOUNT BASE BID				\$813,600.00		\$846,295.88		\$949,054.72
	SUBTOTAL ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$706,500.75		\$707,407.83		\$833,803.25
	TOTAL AMOUNT INCLUDING ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT				\$1,520,100.75		\$1,553,703.51		\$1,782,857.97

LJA Engineering, Inc.

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE CALDWELL RANCH SECTION 3B
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 JANUARY 27, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) D. L. ELLIOTT ENTERPRISES, INC.		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	331	\$18.00	\$5,958.00	\$10.00	\$3,310.00	\$13.25	\$4,385.75
2	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	3158	\$22.00	\$69,476.00	\$20.00	\$63,160.00	\$18.25	\$57,633.50
3	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	7	\$3,800.00	\$26,600.00	\$5,000.00	\$35,000.00	\$4,800.00	\$33,600.00
4	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$850.00	\$850.00
5	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,200.00	\$7,200.00	\$1,300.00	\$7,800.00	\$1,200.00	\$7,200.00
6	8" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$900.00	\$900.00	\$600.00	\$600.00
7	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	1.32	\$3,100.00	\$4,092.00	\$3,200.00	\$4,224.00	\$2,800.00	\$3,696.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3489	\$0.10	\$348.90	\$1.00	\$3,489.00	\$0.25	\$872.25
9	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$300.00	\$300.00	\$200.00	\$200.00
10	BORE AND JACK OR TUNNEL FOR 6" WATERLINE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	96	\$80.00	\$7,680.00	\$60.00	\$5,760.00	\$60.00	\$5,760.00
11	WATER SERVICE SLEEVE FOR 3/4" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	EA	6	\$400.00	\$2,400.00	\$25.00	\$150.00	\$5.00	\$30.00
12	WATER SERVICE SLEEVE FOR 1" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	EA	24	\$1,000.00	\$24,000.00	\$25.00	\$600.00	\$6.00	\$144.00
WATER SYSTEM ITEMS SUBTOTAL:					\$149,554.90		\$125,493.00		\$114,971.50
SANITARY SEWER SYSTEM ITEMS									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2339	\$30.00	\$70,170.00	\$24.00	\$56,136.00	\$34.95	\$81,748.05
2	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 12'-16' DEPTH, COMPLETE IN PLACE	LF	926	\$38.00	\$35,188.00	\$34.00	\$31,484.00	\$37.00	\$34,262.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	19	\$4,800.00	\$91,200.00	\$3,300.00	\$62,700.00	\$3,600.00	\$68,400.00
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	19	\$0.10	\$1.90	\$1.00	\$19.00	\$600.00	\$11,400.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	51.86	\$280.00	\$14,520.80	\$200.00	\$10,372.00	\$250.00	\$12,965.00
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	31	\$900.00	\$27,900.00	\$1,300.00	\$40,300.00	\$625.00	\$19,375.00
7	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1539	\$43.00	\$66,177.00	\$39.00	\$60,021.00	\$50.45	\$77,642.55

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE CALDWELL RANCH SECTION 3B
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 JANUARY 27, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) D. L. ELLIOTT ENTERPRISES, INC.		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4804	\$20.00	\$96,080.00	\$20.00	\$96,080.00	\$20.00	\$96,080.00
9	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3265	\$1.50	\$4,897.50	\$1.50	\$4,897.50	\$3.50	\$11,427.50
10	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	4804	\$0.10	\$480.40	\$1.00	\$4,804.00	\$0.25	\$1,201.00
11	CORE INTO EXIST. SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER (ALL SIZES), COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$700.00	\$700.00	\$995.00	\$995.00
12	BORE AND JACK OR TUNNEL FOR 6" SANITARY SEWER PIPE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	58	\$80.00	\$4,640.00	\$70.00	\$4,060.00	\$125.00	\$7,250.00
13	BORE AND JACK OR TUNNEL FOR 8" SANITARY SEWER PIPE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	13	\$200.00	\$2,600.00	\$85.00	\$1,105.00	\$200.00	\$2,600.00
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$415,455.60	\$372,678.50		\$425,346.10	
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1778	\$55.00	\$97,790.00	\$57.00	\$101,346.00	\$59.50	\$105,791.00
2	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	899	\$91.00	\$81,809.00	\$105.00	\$94,395.00	\$96.45	\$86,708.55
3	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	26	\$1,100.00	\$28,600.00	\$1,060.00	\$27,560.00	\$950.00	\$24,700.00
4	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	26	\$1,800.00	\$46,800.00	\$1,590.00	\$41,340.00	\$1,500.00	\$39,000.00
5	STAGE I - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$3,400.00	\$6,800.00	\$1,100.00	\$2,200.00
6	STAGE II - STANDARD 10' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$5,100.00	\$10,200.00	\$2,650.00	\$5,300.00
7	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,500.00	\$42,500.00	\$2,200.00	\$37,400.00	\$3,750.00	\$63,750.00
8	CORE INTO EXISTING MANHOLE AND CONNECT PROPOSED 24" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,300.00	\$1,300.00	\$2,100.00	\$2,100.00
9	CORE INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 24" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	4	\$2,000.00	\$8,000.00	\$1,300.00	\$5,200.00	\$2,400.00	\$9,600.00
10	CORE INTO EXISTING JUNCTION BOX AND CONNECT PROPOSED 36" STORM SEWER PIPE, INCLUDES ALL NECESSARY APPURTENANCES AND SEALS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,300.00	\$1,300.00	\$3,000.00	\$3,000.00
11	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	17	\$0.10	\$1.70	\$1.00	\$17.00	\$250.00	\$4,250.00
12	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	2677	\$0.10	\$267.70	\$1.00	\$2,677.00	\$0.25	\$669.25

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 TO SERVE CALDWELL RANCH SECTION 3B
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2677	\$20.00	\$53,540.00	\$20.00	\$53,540.00	\$20.00	\$53,540.00
14	DRAINAGE OVERFLOW SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE	LF	116	\$10.00	\$1,160.00	\$5.00	\$580.00	\$7.50	\$870.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$371,668.40		\$383,655.00		\$401,478.80
WS&D MISCELLANEOUS ITEMS									
1	METHOD "A" WS&D CONSTRUCTION STAKING AS PER GBI PARTNERS (CONTACT JON BOROVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00	\$10,800.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00
3	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	4853	\$2.00	\$9,706.00	\$1.00	\$4,853.00	\$2.00	\$9,706.00
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	28	\$10.00	\$280.00	\$50.00	\$1,400.00	\$40.00	\$1,120.00
6	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4313	\$1.00	\$4,313.00	\$1.50	\$6,469.50	\$1.35	\$5,822.55
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$400.00	\$400.00	\$500.00	\$500.00
8	MISCELLANEOUS CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL AS NEEDED, (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00
9	POLY WRAP AS PER ALPHA TESTING DETAIL, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	SF	501670	\$0.05	\$25,083.50	\$0.15	\$75,250.50	\$0.09	\$45,150.30
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$57,682.50		\$115,973.00		\$82,898.85
ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	11419	\$42.00	\$479,598.00	\$44.40	\$507,003.60	\$46.25	\$528,128.75
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1661	\$3.50	\$5,813.50	\$3.75	\$6,228.75	\$3.35	\$5,564.35
3	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	4962	\$3.50	\$17,367.00	\$3.75	\$18,607.50	\$3.35	\$16,622.70
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	12161	\$3.00	\$36,483.00	\$3.75	\$45,603.75	\$2.95	\$35,874.95
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	218.9	\$200.00	\$43,780.00	\$220.00	\$48,158.00	\$225.00	\$49,252.50

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY, LOT FILL AND IN SPECIFIED FILL AREAS, (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	10907	\$4.00	\$43,628.00	\$4.00	\$43,628.00	\$3.50	\$38,174.50
7	EXISTING OFFSITE STOCKPILE (LOCATED APPROXIMATELY 1800' EAST OF SITE) TO BE USED FOR ONSITE LOT FILL (PER THE GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	5090	\$4.50	\$22,905.00	\$5.00	\$25,450.00	\$5.00	\$25,450.00
8	FINAL LOT GRADING, INCLUDING RESERVES, STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	104	\$200.00	\$20,800.00	\$250.00	\$26,000.00	\$125.00	\$13,000.00
9	TYPE 7 WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME SURFACE TO BE STAINED WITH CONTRASTING COLOR PER THE CONSTRUCTION PLAN SET, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	12	\$1,500.00	\$18,000.00	\$1,200.00	\$14,400.00	\$1,250.00	\$15,000.00
10	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$6,000.00	\$6,000.00	\$12,250.00	\$12,250.00
11	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	7	\$15.00	\$105.00	\$20.00	\$140.00	\$12.00	\$84.00
12	REMOVE AND RELOCATE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$925.00	\$925.00	\$800.00	\$800.00
13	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	4.03	\$1,500.00	\$6,045.00	\$1,800.00	\$7,254.00	\$2,400.00	\$9,672.00
14	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	17.4	\$600.00	\$10,440.00	\$1,050.00	\$18,270.00	\$850.00	\$14,790.00
15	STANDARD PAVING HEADERS, COMPLETE IN PLACE	LF	28	\$20.00	\$560.00	\$50.00	\$1,400.00	\$850.00	\$23,800.00
16	METHOD "A" PAVING CONSTRUCTION STAKING AS PER GBI PARTNERS (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00	\$6,462.00
17	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	28	\$25.00	\$700.00	\$150.00	\$4,200.00	\$50.00	\$1,400.00
18	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE (BACK OF CURB) SWMHCA SPECIFICATIONS NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6623	\$1.00	\$6,623.00	\$4.00	\$26,492.00	\$1.35	\$8,941.05
19	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
20	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	1496	\$31.00	\$46,376.00	\$46.00	\$68,816.00	\$40.00	\$59,840.00
21	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 14 OF 33 OF CONSTRUCTION PLAN, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
22	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$40.00	\$8,000.00	\$24.00	\$4,800.00
ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:					\$785,785.50		\$888,038.60		\$873,406.80

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE CALDWELL RANCH SECTION 3B
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 JANUARY 27, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 JANUARY 27, 2021
 1931-8076A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) D. L. ELLIOTT ENTERPRISES, INC.		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>									
	SUBTOTAL WATER SYSTEM ITEMS				\$149,554.90		\$125,493.00		\$114,971.50
	SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$415,455.60		\$372,678.50		\$425,346.10
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$371,668.40		\$383,655.00		\$401,478.80
	SUBTOTAL WS&D MISCELLANEOUS ITEMS				\$57,682.50		\$115,973.00		\$82,898.85
	TOTAL AMOUNT BASE BID				\$994,361.40		\$997,799.50		\$1,024,695.25
<u>ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS</u>									
	TOTAL AMOUNT BASE BID				\$994,361.40		\$997,799.50		\$1,024,695.25
	SUBTOTAL ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$785,786.50		\$888,038.60		\$873,406.80
	TOTAL AMOUNT INCLUDING ALTERNATE PAVING AND APPURTENANCES IMPROVEMENT				\$1,780,147.90		\$1,885,838.10		\$1,898,102.05

LJA Engineering, Inc.