

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES
TO SERVE WALLER CROSSING DRIVE
BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
OCTOBER 16, 2020
LJA ENGINEERING, INC.
D. FORREST
OCTOBER 16, 2020
1931-8063A&B (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,039,918.65
2) CE BARKER, LTD	\$1,128,861.57

CALENDAR DAYS - 80/90



Kathleen Kinchen

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

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 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 OCTOBER 16, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 16, 2020
 1931-8083A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LTD.		2) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS							
1	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	60	\$27.00	\$1,620.00	\$72.22	\$4,333.20
2	REMOVE AND DISPOSE EXISTING 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND CONNECT PROPOSED FLUSHING VALVE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS. COMPLETE IN PLACE	EA	4	\$5,525.00	\$22,100.00	\$5,416.78	\$21,667.12
3	REMOVE AND DISPOSE EXISTING 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND CONNECT PROPOSED 8" WATERLINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS. COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$1,665.12	\$1,665.12
4	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$992.13	\$992.13
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	60	\$0.25	\$15.00	\$0.11	\$6.60
WATER SYSTEM ITEMS SUBTOTAL:					\$24,786.00		\$28,664.17
SANITARY SEWER SYSTEM ITEMS							
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 12'-16" DEPTH, COMPLETE IN PLACE	LF	832	\$34.00	\$28,288.00	\$42.12	\$35,043.84
2	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	5	\$3,475.00	\$17,375.00	\$3,579.18	\$17,895.90
3	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	5	\$600.00	\$3,000.00	\$0.01	\$0.05
4	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	41.54	\$215.00	\$8,931.10	\$187.01	\$7,768.40
5	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	832	\$20.00	\$16,640.00	\$20.00	\$16,640.00
6	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	832	\$4.00	\$3,328.00	\$1.00	\$832.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	832	\$0.25	\$208.00	\$0.11	\$91.52
8	CORE INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00	\$1,200.54	\$1,200.54
SANITARY SEWER SYSTEM ITEMS SUBTOTAL:					\$79,020.10		\$79,472.25
DRAINAGE FACILITIES ITEMS							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1461	\$64.00	\$93,504.00	\$65.12	\$95,140.32
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	391	\$72.00	\$28,152.00	\$80.01	\$31,283.91
3	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	10	\$1,000.00	\$10,000.00	\$1,363.23	\$13,632.30
4	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	10	\$1,200.00	\$12,000.00	\$1,251.03	\$12,510.30
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$3,200.00	\$28,800.00	\$3,303.88	\$29,733.12
6	BREAK INTO EXISTING 7'X4' BOX CULVERT AND CONNECT PROPOSED 24" RCP, INCLUDES CONCRETE COLLAR AND TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$8,246.70	\$8,246.70

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 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
 OCTOBER 16, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 16, 2020
 1831-8063A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LTD.		2) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	10	\$250.00	\$2,500.00	\$0.01	\$0.10
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1852	\$0.25	\$463.00	\$0.11	\$203.72
9	OUTFALL STRUCTURE FOR 30" R.C.P., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,575.00	\$5,575.00	\$9,163.01	\$9,163.01
10	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	1852	\$20.00	\$37,040.00	\$20.00	\$37,040.00
11	PROPOSED OVERFLOW SWALE, COMPLETE IN PLACE	LF	122	\$7.50	\$915.00	\$22.99	\$2,804.78
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$224,949.00	\$239,758.26	
WS&D MISCELLANEOUS ITEMS							
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00
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	\$2,400.00	\$2,400.00	\$2,984.52	\$2,984.52
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
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	1800	\$3.00	\$5,400.00	\$3.80	\$6,840.00
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$50.00	\$500.00	\$58.10	\$581.00
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	4280	\$1.50	\$6,420.00	\$2.24	\$9,587.20
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$561.00	\$561.00
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	\$7,500.00	\$7,500.00	\$10,210.20	\$10,210.20
WS&D MISCELLANEOUS ITEMS SUBTOTAL:					\$29,320.00	\$37,343.92	
PAVING AND APPURTENANCES IMPROVEMENT ITEMS							
1	7" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	9079	\$44.00	\$399,476.00	\$47.80	\$433,976.20
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4200	\$3.05	\$12,810.00	\$3.65	\$15,330.00
3	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	9561	\$2.05	\$19,600.05	\$2.64	\$25,241.04

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ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LTD.		2) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY ENGINEER, COMPLETE IN PLACE	TON	172.1	\$215.00	\$37,001.50	\$241.34	\$41,534.61
5	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	4605	\$4.00	\$18,420.00	\$9.71	\$44,714.55
6	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	8	\$1,250.00	\$10,000.00	\$2,019.71	\$16,157.68
7	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	\$1,500.00	\$1,500.00	\$2,805.11	\$2,805.11
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	4	\$11.00	\$44.00	\$10.21	\$40.84
9	REMOVE AND RELOCATE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$950.00	\$1,900.00	\$841.61	\$1,683.22
10	PAVING HEADERS, COMPLETE IN PLACE	LF	58	\$12.00	\$672.00	\$20.31	\$1,137.36
11	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2.9	\$2,400.00	\$6,960.00	\$2,030.93	\$5,889.70
PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:					\$508,383.55		\$588,510.31
PAVING AND APPURTENANCES MISCELLANEOUS ITEMS							
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$4,277.00	\$4,277.00	\$5,385.71	\$5,385.71
2	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$50.00	\$500.00	\$84.26	\$842.60
3	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	4200	\$1.50	\$6,300.00	\$2.92	\$12,264.00
4	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	EA	1	\$1,000.00	\$1,000.00	\$1,683.11	\$1,683.11
5	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	4108	\$38.00	\$158,104.00	\$31.53	\$129,525.24
6	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (ONLY TO BE USED AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	240	\$22.00	\$5,280.00	\$22.55	\$5,412.00
PAVING AND APPURTENANCES MISCELLANEOUS ITEMS SUBTOTAL:					\$173,461.00		\$155,112.66
BIDDING SUMMARY							
SUBTOTAL WATER SYSTEM ITEMS					\$24,785.00		\$28,684.17
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$79,020.10		\$79,472.25
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$224,949.00		\$238,758.26
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$29,320.00		\$37,343.92
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$508,383.55		\$588,510.31
SUBTOTAL PAVING AND APPURTENANCES MISCELLANEOUS ITEMS					\$173,461.00		\$155,112.66
TOTAL AMOUNT BASE BID					\$1,039,918.65		\$1,128,861.57