

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING & APPURTENANCES
 AND CLEARING & GRUBBING TO SERVE FULSHEAR SCHOOL ROAD AND SCHOOL HILL ROAD
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 218
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 AUGUST 4, 2020
 LJA ENGINEERING, INC.
 L. MARTINEZ
 AUGUST 4, 2020
 2493-0114 (9.2)

BID OPENING DATE:
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE NO. 1 BID ITEMS	BID INCLUDING ALTERNATE NO. 2 BID ITEMS	CALENDAR DAYS
1) HURTADO CONSTRUCTION COMPANY	\$1,604,257.58	\$1,635,838.58	\$1,602,505.58	28/120/130
2) TRIPLE B SERVICES, LLP	\$1,775,993.03	\$1,770,993.53	\$1,778,595.28	10/80/95
3) HARRIS CONSTRUCTION COMPANY, LTD.	\$2,089,090.34	\$2,081,980.34	\$2,087,987.84	45/180/210



Andrew Casey
 8/5/20

Andrew Casey

I, Andrew Casey, PE, hereby certify these bid tabulations to be true and correct.

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
FULSHEAR SCHOOL ROAD WATER ITEMS									
1	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	20	\$28.20	\$524.00	\$21.85	\$437.00	\$26.00	\$520.00
2	12" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	2530	\$24.20	\$61,226.00	\$27.75	\$70,207.50	\$28.00	\$70,840.00
3	16" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	1295	\$38.88	\$50,349.80	\$47.75	\$61,838.25	\$42.50	\$80,937.50
4	16" RESTRAINED JOINT PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	18	\$128.00	\$2,048.00	\$229.00	\$3,664.00	\$187.50	\$3,000.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3841	\$0.08	\$307.28	\$0.01	\$38.41	\$1.50	\$5,781.50
6	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	13	\$3,658.00	\$47,554.00	\$3,595.00	\$46,735.00	\$4,100.00	\$53,300.00
7	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$870.00	\$870.00	\$1,285.00	\$1,285.00	\$1,075.00	\$1,075.00
8	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$1,678.00	\$6,712.00	\$2,100.00	\$8,400.00	\$2,050.00	\$8,200.00
9	16" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$5,354.00	\$10,708.00	\$6,085.00	\$12,170.00	\$9,500.00	\$19,000.00
10	EXTRA CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
11	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	1253	\$0.88	\$1,102.84	\$2.55	\$3,195.15	\$2.00	\$2,506.00
12	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,030.00	\$1,030.00	\$800.00	\$800.00
13	12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,075.00	\$1,075.00	\$950.00	\$950.00
14	16" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$1,185.00	\$1,185.00	\$1,150.00	\$1,150.00
15	REMOVE EXISTING PLUG & CLAMP AND CONNECT PROPOSED 16" WATERLINE TO EXISTING 16" WATERLINE, COMPLETE IN PLACE	EA	1	\$338.00	\$338.00	\$700.00	\$700.00	\$1,200.00	\$1,200.00
16	BROADCAST SEEDING OF DISTURBED AREA, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	0.7	\$200.00	\$140.00	\$1,330.00	\$931.00	\$1,200.00	\$840.00
FULSHEAR SCHOOL ROAD WATER ITEMS SUBTOTAL:					\$185,527.52		\$214,889.31		\$252,080.00
FULSHEAR SCHOOL ROAD SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, 16" - 20" CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	498	\$38.88	\$19,362.24	\$40.05	\$19,944.90	\$42.50	\$21,165.00
2	12" PVC SEWER PIPE, 16" - 20" CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	26	\$64.00	\$1,664.00	\$103.00	\$2,678.00	\$49.00	\$1,274.00
3	6" PVC FORCE MAIN, AWWA C-900, DR 18, ALL DEPTHS, INCLUDES FITTINGS, COMPLETE IN PLACE	LF	2231	\$14.88	\$33,197.28	\$18.75	\$41,831.25	\$18.50	\$36,811.50

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	10" PVC FORCE MAIN, AWWA C-900, DR 18, ALL DEPTHS, INCLUDES FITTINGS, COMPLETE IN PLACE	LF	1368	\$23.88	\$32,667.84	\$30.75	\$42,066.00	\$27.25	\$37,278.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4123	\$0.08	\$329.84	\$0.01	\$41.23	\$1.50	\$6,184.50
6	STANDARD SANITARY SEWER MANHOLE FOR 8" - 24 SANITARY SEWER PIPES, (8" DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	3	\$2,388.00	\$7,164.00	\$4,000.00	\$12,000.00	\$2,100.00	\$6,300.00
7	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8" DEPTH), COMPLETE IN PLACE	VF	37	\$98.00	\$3,626.00	\$0.01	\$0.37	\$125.00	\$4,625.00
8	REMOVE AND DISPOSE OF EXISTING 10" PLUG & CLAMP AND CONNECT PROPOSED 10" FORCE MAIN TO EXISTING 10" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$1,088.00	\$1,088.00	\$750.00	\$750.00	\$350.00	\$350.00
9	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
10	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
11	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	896	\$0.88	\$788.48	\$2.55	\$2,284.80	\$2.00	\$1,792.00
13	AIR RELEASE MANHOLE ASSEMBLY, TO INCLUDE AIR RELEASE VALVE AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	4	\$5,888.00	\$23,552.00	\$9,045.00	\$36,180.00	\$14,000.00	\$58,000.00
14	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$85.00	\$85.00	\$165.00	\$165.00	\$150.00	\$150.00
15	REMOVE EXISTING 8" PLUG AND CLAMP AND CONNECT PROPOSED FORCE MAIN TO EXISTING FORCE MAIN, COMPLETE IN PLACE	EA	1	\$888.00	\$888.00	\$550.00	\$550.00	\$500.00	\$500.00
16	6" PLUG & CLAMP, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$172.00	\$172.00	\$535.00	\$535.00	\$400.00	\$400.00
17	BROADCAST SEEDING OF DISTURBED AREA, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	0.7	\$200.00	\$140.00	\$1,330.00	\$931.00	\$1,200.00	\$840.00
FULSHEAR SCHOOL ROAD SANITARY SEWER ITEMS SUBTOTAL:					\$129,724.68		\$164,957.55		\$178,679.00
FULSHEAR SCHOOL ROAD DRAINAGE FACILITIES ITEMS									
1	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	120	\$68.68	\$8,265.60	\$65.65	\$7,878.00	\$75.45	\$9,054.00
2	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	676	\$68.68	\$46,562.88	\$65.65	\$44,379.40	\$69.75	\$47,151.00
3	54" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	194	\$200.00	\$38,800.00	\$229.00	\$44,426.00	\$254.56	\$49,384.64
4	72" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	101	\$350.00	\$35,350.00	\$355.00	\$35,855.00	\$412.15	\$41,627.15
5	72" CMP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	43	\$178.00	\$7,654.00	\$224.00	\$9,632.00	\$400.00	\$17,200.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1134	\$0.38	\$430.92	\$0.01	\$11.34	\$1.50	\$1,701.00

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7	STAGE I - STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$858.00	\$5,148.00	\$1,285.00	\$7,590.00	\$900.00	\$5,400.00
8	STAGE II - STANDARD (TYPE "H - 2") INLET, COMPLETE IN PLACE	EA	6	\$1,308.00	\$7,848.00	\$1,155.00	\$8,930.00	\$1,200.00	\$7,200.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	3	\$2,000.00	\$8,000.00	\$2,385.00	\$7,155.00	\$1,800.00	\$5,400.00
10	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	2	\$6,800.00	\$13,600.00	\$6,960.00	\$13,920.00	\$8,000.00	\$16,000.00
11	JUNCTION BOX, WITH TYPE "C" MANHOLE TOP, INCLUDES FINAL ADJUSTMENTS AS REQUIRED, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,888.00	\$10,888.00	\$9,120.00	\$9,120.00	\$17,500.00	\$17,500.00
12	24" SAFETY END TREATMENT, 6:1, COMPLETE IN PLACE	EA	2	\$1,750.00	\$3,500.00	\$1,410.00	\$2,820.00	\$1,400.00	\$2,800.00
13	STANDARD TXDOT GRATE INLET (TYPE "AZ") WITH TRAFFIC BEARING GRATE, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$1,775.00	\$1,775.00	\$4,500.00	\$4,500.00
14	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
15	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$25.00	\$1,250.00	\$25.00	\$1,250.00	\$25.00	\$1,250.00
16	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	1257	\$0.88	\$1,106.16	\$2.55	\$3,205.35	\$2.00	\$2,514.00
17	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
18	TEMPORARY OUTFALL DITCH WITH MINIMUM 4:1 SIDE SLOPE, V-BOTTOM, 0.2% MINIMUM SLOPE, TO INCLUDE THE EXCAVATION, HAULING, PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL FOR ROAD CONSTRUCTION, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPINGS AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	CY	4627	\$2.88	\$13,325.76	\$4.65	\$21,515.55	\$4.50	\$20,821.50
19	SHALLOW DRAINAGE SWALE WITH V-BOTTOM, MINIMUM 4:1 SIDE SLOPE, TO INCLUDE THE EXCAVATION, HAULING, PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL, STRIPPING, STOCKPILE OF STRIPPINGS, RE-APPLICATION OF STRIPPINGS AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	LF	40	\$4.98	\$199.20	\$3.75	\$150.00	\$2.50	\$100.00
20	18" RIP RAP SLOPE PROTECTION, COMPLETE IN PLACE	SY	530	\$64.00	\$33,920.00	\$90.75	\$48,097.50	\$95.00	\$50,350.00
21	8" BRICK PLUG FOR 54" STORM SEWER, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$58.00	\$58.00	\$800.00	\$800.00	\$750.00	\$750.00
22	HYDROMULCH SEEDING AND FINE GRADING OF TEMPORARY OUTFALL DITCH AND SHALLOW DRAINAGE SWALE, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	1.2	\$1,200.00	\$1,440.00	\$2,000.00	\$2,400.00	\$2,800.00	\$3,360.00
23	DEWATERING (GROUND WATER CONTROL) TO COMPLETE THE CONSTRUCTION OF OUTFALL DITCH, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$100.00	\$10,000.00
FULSHEAR SCHOOL ROAD DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$243,896.52		\$273,160.14		\$315,813.29

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FULSHEAR SCHOOL ROAD PAVING IMPROVEMENT ITEMS									
1	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	5759	\$42.85	\$246,945.92	\$44.00	\$253,396.00	\$51.00	\$293,709.00
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	8721	\$2.38	\$15,995.98	\$3.55	\$23,859.55	\$2.55	\$17,138.55
3	2" TYPE 1D' HOT MIX ASPHALT, TXDOT SPEC 340, COMPLETE IN PLACE	SY	307	\$38.00	\$11,866.00	\$24.50	\$7,521.50	\$80.00	\$18,420.00
4	10" BASE (TXDOT SPEC 247, TYPE A, GRADE 1, CRUSHED LIMESTONE), COMPLETE IN PLACE	SY	387	\$32.00	\$11,744.00	\$25.00	\$9,175.00	\$52.00	\$19,984.00
5	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	202	\$218.00	\$44,036.00	\$165.00	\$33,330.00	\$215.00	\$43,430.00
6	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$1,268.00	\$1,268.00	\$1,365.00	\$1,365.00	\$7,000.00	\$7,000.00
7	WHEELCHAIR RAMPS TYPE 7 FOR REINFORCED CONCRETE SIDEWALK, ALL WIDTHS, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	4	\$1,288.00	\$5,152.00	\$1,330.00	\$5,320.00	\$1,050.00	\$4,200.00
8	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	4	\$288.00	\$1,152.00	\$310.00	\$1,240.00	\$825.00	\$3,300.00
9	CONTRACTOR SHALL TIE IN PROPOSED ASPHALT CONCRETE TO EXISTING FM 1093 ASPHALT CONCRETE, TO INCLUDE 2" SAWCUT (FULL DEPTH) OF EXISTING ASPHALT AND DISPOSAL OF EXISTING ASPHALT CONCRETE AND BASE AS NEEDED FOR THE CONNECTION, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,640.00	\$1,640.00	\$5,000.00	\$5,000.00
10	FINAL ROADWAY EXCAVATION AND GRADING AS SHOWN ON SHEET 7, COMPLETE IN PLACE	LS	1	\$4,888.00	\$4,888.00	\$0.01	\$0.01	\$4,000.00	\$4,000.00
11	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$828.00	\$828.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00
12	CONCRETE PAVING HEADER, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	41	\$18.00	\$738.00	\$13.85	\$567.85	\$25.00	\$1,025.00
13	REGRADE EXISTING ROADSIDE DITCH AS SHOWN ON THE PLANS TO TIE IN TO 24" CULVERT, TO INCLUDE MANIPULATION OF EXISTING ROADSIDE DITCH AS NECESSARY, 3:1 MAX SIDE SLOPE, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	75	\$3.00	\$225.00	\$3.75	\$281.25	\$25.00	\$1,875.00
14	TEMPORARY TRAFFIC CONTROL ITEMS (FLAGGERS, CONES, ETC.) FOR TIE-IN TO FM 1093, PER THE PLANS, COMPLETE IN PLACE	LS	1	\$1,288.00	\$1,288.00	\$2,300.00	\$2,300.00	\$7,500.00	\$7,500.00
15	HYDROMULCH SEEDING AND FINE GRADING OF RIGHT-OF WAY AND MEDIAN, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	0.7	\$1,200.00	\$840.00	\$2,000.00	\$1,400.00	\$2,400.00	\$1,680.00
FULSHEAR SCHOOL ROAD PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$348,588.90		\$342,298.16		\$428,881.55
SCHOOL HILL ROAD WATER ITEMS									
1	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	607	\$17.88	\$10,853.16	\$20.40	\$12,382.80	\$18.00	\$10,926.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	607	\$0.08	\$48.56	\$0.01	\$6.07	\$1.50	\$910.50
3	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$3,458.00	\$8,916.00	\$3,400.00	\$8,800.00	\$4,100.00	\$8,200.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING & APPURTENANCES AND CLEARING & GRUBBING TO SERVE FULSHEAR SCHOOL ROAD AND SCHOOL HILL ROAD FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
AUGUST 4, 2020
LJA ENGINEERING, INC.
L. MARTINEZ
AUGUST 4, 2020
2493-0114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$834.00	\$834.00	\$1,285.00	\$1,285.00	\$1,050.00	\$1,050.00
5	EXTRA CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	137	\$0.88	\$120.56	\$2.55	\$349.35	\$2.00	\$274.00
SCHOOL HILL ROAD WATER ITEMS SUBTOTAL:					\$19,772.28		\$21,823.22		\$22,360.50
SCHOOL HILL ROAD SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, 16" - 20" CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	628	\$41.00	\$25,748.00	\$40.05	\$25,151.40	\$43.00	\$27,004.00
2	12" PVC SEWER PIPE, 16" - 20" CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	162	\$114.00	\$18,468.00	\$103.00	\$16,686.00	\$49.00	\$7,938.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	790	\$1.00	\$790.00	\$0.01	\$7.90	\$1.50	\$1,185.00
4	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	3	\$2,858.00	\$8,574.00	\$4,000.00	\$12,000.00	\$2,100.00	\$6,300.00
5	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	41	\$98.00	\$4,018.00	\$0.01	\$0.41	\$125.00	\$5,125.00
6	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
7	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
8	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
9	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	181	\$0.88	\$159.28	\$2.55	\$461.55	\$2.00	\$362.00
10	REMOVE 12" SANITARY SEWER PLUG AND CONNECT TO EXISTING 12" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$300.00	\$300.00	\$200.00	\$200.00
11	12" SANITARY SEWER PLUG, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$88.00	\$88.00	\$220.00	\$220.00	\$150.00	\$150.00
SCHOOL HILL ROAD SANITARY SEWER ITEMS SUBTOTAL:					\$62,853.28		\$59,827.26		\$53,284.00
SCHOOL HILL ROAD DRAINAGE FACILITIES ITEMS									
1	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	99	\$68.88	\$6,818.12	\$65.65	\$6,499.35	\$89.00	\$8,831.00
2	54" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	646	\$200.00	\$129,200.00	\$229.00	\$147,934.00	\$248.00	\$160,208.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	745	\$1.00	\$745.00	\$0.01	\$7.45	\$1.50	\$1,117.50
4	STAGE 1 - STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE 1 INLETS, COMPLETE IN PLACE	EA	4	\$858.00	\$3,432.00	\$1,275.00	\$5,100.00	\$900.00	\$3,600.00

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AUGUST 4, 2020
LJA ENGINEERING, INC.
L. MARTINEZ
AUGUST 4, 2020
2493-0114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	STAGE II – STANDARD (TYPE "H – 2") INLET, COMPLETE IN PLACE	EA	4	\$1,308.00	\$5,232.00	\$1,155.00	\$4,620.00	\$1,200.00	\$4,800.00
6	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	4	\$4,188.00	\$16,752.00	\$6,875.00	\$27,500.00	\$4,900.00	\$19,600.00
7	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
8	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$25.00	\$1,250.00	\$25.00	\$1,250.00	\$25.00	\$1,250.00
9	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	1245	\$0.88	\$1,095.60	\$2.55	\$3,174.75	\$2.00	\$2,490.00
10	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
SCHOOL HILL ROAD DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$166,275.72	\$197,835.55	\$201,648.50		
SCHOOL HILL ROAD PAVING IMPROVEMENT ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	102	\$40.88	\$4,169.76	\$49.00	\$4,998.00	\$45.00	\$4,590.00
2	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	2829	\$42.88	\$121,307.52	\$44.00	\$124,476.00	\$51.00	\$144,279.00
3	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	3253	\$2.38	\$7,742.14	\$3.55	\$11,548.15	\$4.00	\$13,012.00
4	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	98	\$218.00	\$21,364.00	\$165.00	\$16,170.00	\$215.00	\$21,070.00
5	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$8.00	\$8.00	\$1,230.00	\$1,230.00	\$1,500.00	\$1,500.00
6	FINAL ROADWAY EXCAVATION AND GRADING AS SHOWN ON SHEET 7, COMPLETE IN PLACE	LS	1	\$1,888.00	\$1,888.00	\$0.01	\$0.01	\$3,000.00	\$3,000.00
7	HYDROMULCH SEEDING AND FINE GRADING OF RIGHT-OF WAY, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	0.3	\$1,200.00	\$360.00	\$2,000.00	\$600.00	\$4,000.00	\$1,200.00
SCHOOL HILL ROAD PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$156,839.42	\$159,022.16	\$188,651.00		
SCHOOL HILL ROAD EXTENSION WATER ITEMS									
1	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING, BACKFILL AND FITTINGS, COMPLETE IN PLACE	LF	358	\$17.00	\$6,086.00	\$18.50	\$6,623.00	\$18.00	\$6,444.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	358	\$0.08	\$28.64	\$0.01	\$3.58	\$1.50	\$537.00
3	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	1	\$3,548.00	\$3,548.00	\$3,460.00	\$3,460.00	\$4,100.00	\$4,100.00
4	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$834.00	\$834.00	\$1,285.00	\$1,285.00	\$1,050.00	\$1,050.00
5	EXTRA CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING & APPURTENANCES AND CLEARING & GRUBBING TO SERVE FULSHEAR SCHOOL ROAD AND SCHOOL HILL ROAD FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
AUGUST 4, 2020
LJA ENGINEERING, INC.
L. MARTINEZ
AUGUST 4, 2020
2483-0114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	81	\$0.88	\$71.28	\$2.55	\$206.55	\$2.00	\$162.00
7	8" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE AND BOX ASSEMBLY, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$580.00	\$580.00	\$970.00	\$970.00	\$800.00	\$800.00
SCHOOL HILL ROAD EXTENSION WATER ITEMS SUBTOTAL:					\$12,147.92		\$13,548.13		\$14,093.00
SCHOOL HILL ROAD EXTENSION SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, 16' - 20' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	366	\$38.88	\$14,230.08	\$40.05	\$14,658.30	\$32.00	\$11,712.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	366	\$1.00	\$366.00	\$0.01	\$3.66	\$1.50	\$549.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24 SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	2	\$2,858.00	\$5,716.00	\$4,000.00	\$8,000.00	\$2,100.00	\$4,200.00
4	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	23	\$98.00	\$2,254.00	\$0.01	\$0.23	\$125.00	\$2,875.00
5	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
6	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
7	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
8	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	79	\$0.88	\$69.52	\$2.55	\$201.45	\$2.00	\$158.00
SCHOOL HILL ROAD EXTENSION SANITARY SEWER ITEMS SUBTOTAL:					\$27,636.60		\$27,863.64		\$24,484.00
SCHOOL HILL ROAD EXTENSION DRAINAGE FACILITIES ITEMS									
1	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	49	\$68.88	\$3,375.12	\$85.65	\$3,218.85	\$69.00	\$3,381.00
2	54" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	350	\$200.00	\$70,000.00	\$225.15	\$78,602.50	\$247.00	\$86,450.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	399	\$0.18	\$71.82	\$0.01	\$3.99	\$1.50	\$598.50
4	STAGE I - STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	2	\$888.00	\$1,736.00	\$1,275.00	\$2,550.00	\$900.00	\$1,800.00
5	STAGE II - STANDARD (TYPE "H - 2") INLET, COMPLETE IN PLACE	EA	2	\$1,308.00	\$2,616.00	\$1,155.00	\$2,310.00	\$1,200.00	\$2,400.00
6	TYPE "C" MANHOLE FOR 48" STORM SEWER & LARGER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	3	\$2,538.00	\$7,614.00	\$8,875.00	\$26,625.00	\$6,595.00	\$19,785.00
7	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
8	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	50	\$25.00	\$1,250.00	\$25.00	\$1,250.00	\$25.00	\$1,250.00

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 AND CLEARING & GRUBBING TO SERVE FULSHEAR SCHOOL ROAD AND SCHOOL HILL ROAD
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 218
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 AUGUST 4, 2020
 LJA ENGINEERING, INC.
 L. MARTINEZ
 AUGUST 4, 2020
 2493-0114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY TO ACHIEVE FINAL ROADWAY GRADING, COMPLETE IN PLACE	CY	680	\$0.88	\$598.40	\$2.55	\$1,734.00	\$2.00	\$1,360.00
10	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
SCHOOL HILL ROAD EXTENSION DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$89,011.34		\$112,242.34		\$118,774.50
SCHOOL HILL ROAD EXTENSION PAVING IMPROVEMENT ITEMS									
1	7" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	1626	\$42.88	\$69,722.88	\$45.00	\$73,170.00	\$51.00	\$82,926.00
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	1804	\$2.38	\$4,293.52	\$3.55	\$6,404.20	\$4.00	\$7,216.00
3	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	54	\$218.00	\$11,772.00	\$185.00	\$8,910.00	\$215.00	\$11,610.00
4	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$8.00	\$8.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00
5	FINAL ROADWAY EXCAVATION AND GRADING AS SHOWN ON SHEET 7, COMPLETE IN PLACE	LS	1	\$1,888.00	\$1,888.00	\$0.01	\$0.01	\$1,200.00	\$1,200.00
6	TYPE III BARRICADE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$828.00	\$828.00	\$900.00	\$900.00	\$1,525.00	\$1,525.00
7	CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	41	\$18.00	\$738.00	\$13.85	\$567.85	\$25.00	\$1,025.00
8	HYDROMULCH SEEDING AND FINE GRADING OF RIGHT-OF WAY, TO INCLUDE FERTILIZING AND WATERING, COMPLETE IN PLACE	AC	0.2	\$1,200.00	\$240.00	\$2,000.00	\$400.00	\$4,000.00	\$800.00
SCHOOL HILL ROAD EXTENSION PAVING IMPROVEMENT ITEMS SUBTOTAL:					\$88,490.40		\$91,652.06		\$107,802.00
CLEARING AND GRUBBING ITEMS									
1	HEAVY CLEARING AND GRUBBING, INCLUDES ROOT RAKING, BACK DRAGGING AND TRANSPORT, COMPLETE IN PLACE	AC	7.6	\$2,888.00	\$21,948.80	\$3,730.00	\$28,348.00	\$5,000.00	\$38,000.00
2	LIGHT CLEARING AND GRUBBING, INCLUDES ROOT RAKING, BACK DRAGGING AND TRANSPORT, COMPLETE IN PLACE	AC	2.3	\$888.00	\$1,582.40	\$2,770.00	\$6,371.00	\$2,500.00	\$5,750.00
3	BURNING OF CLEARED AND GRUBBED MATERIAL, INCLUDING NECESSARY PERMITS, EXCAVATION OF BURN PITS, HAULING AND DISPOSAL OF ASHES OFFSITE, CLEAN-OUT OF BURN PITS, AND BACKFILL TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, COMPLETE IN PLACE	AC	9.9	\$98.00	\$970.20	\$2,735.00	\$27,076.50	\$3,200.00	\$31,680.00
CLEARING AND GRUBBING ITEMS SUBTOTAL:					\$24,501.40		\$61,795.50		\$75,430.00
MISCELLANEOUS ITEMS									
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$2,400.00	\$2,400.00	\$1,200.00	\$1,200.00
2	6" IRRIGATION SLEEVE (PURPLE), PVC SCHEDULE 40, TO INCLUDE BEND, RISER AND MARKER, COMPLETE IN PLACE	LF	200	\$18.00	\$3,600.00	\$20.00	\$4,000.00	\$22.00	\$4,400.00
3	6" IRRIGATION SLEEVE (WHITE), PVC SCHEDULE 40, TO INCLUDE BEND, RISER AND MARKER, COMPLETE IN PLACE	LF	200	\$18.00	\$3,600.00	\$20.00	\$4,000.00	\$35.00	\$7,000.00

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 AUGUST 4, 2020
 LJA ENGINEERING, INC.
 L. MARTINEZ
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	STABILIZED CONSTRUCTION EXIT, INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00
5	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$950.00	\$950.00	\$1,000.00	\$1,000.00
6	REMOVE AND DISPOSE OF EXISTING FENCE AS NECESSARY FOR CONSTRUCTION, ALL FENCE TYPES, COMPLETE IN PLACE	LF	1200	\$0.08	\$96.00	\$2.55	\$3,060.00	\$10.00	\$12,000.00
7	INSTALL 5' HOG WIRE FENCE, COMPLETE IN PLACE	LF	100	\$8.00	\$800.00	\$18.75	\$1,875.00	\$15.00	\$1,500.00
8	DUMPSTER FOR MISCELLANEOUS DEBRIS DISPOSAL OFFSITE, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	5	\$300.00	\$1,500.00	\$475.00	\$2,375.00	\$750.00	\$3,750.00
9	CONSTRUCT AND MAINTAIN ORANGE CONSTRUCTION FENCING, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	550	\$1.00	\$550.00	\$2.50	\$1,375.00	\$2.00	\$1,100.00
10	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES)	LS	1	\$7,323.64	\$7,323.64	\$8,600.00	\$8,600.00	\$12,000.00	\$12,000.00
11	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$132,248.20)	LS	1	\$3,144.98	\$3,144.98	\$3,445.00	\$3,445.00	\$15,000.00	\$15,000.00
12	PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$25,000.00	\$25,000.00	\$0.01	\$0.01	\$26,000.00	\$26,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$48,014.60		\$35,080.01		\$87,150.60
ALTERNATE NO. 1 BID ITEMS									
1	OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, TO BE USED IN LIEU OF CLEARING AND GRUBBING ITEM NO. 3, COMPLETE IN PLACE	AC	9.9	\$3,288.00	\$32,551.20	\$2,230.00	\$22,077.00	\$4,500.00	\$44,550.00
ALTERNATE NO. 1 BID ITEMS SUBTOTAL:					\$32,551.20		\$22,077.00		\$44,550.00
ALTERNATE NO. 2 BID ITEMS									
1	18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, TO BE USED IN LIEU OF FULSHEAR SCHOOL ROAD DRAINAGE FACILITIES ITEM NO. 1, COMPLETE IN PLACE	LF	120	\$60.88	\$7,305.60	\$68.40	\$8,208.00	\$67.50	\$8,100.00
2	18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, TO BE USED IN LIEU OF SCHOOL HILL ROAD DRAINAGE FACILITIES ITEM NO. 1, COMPLETE IN PLACE	LF	99	\$60.88	\$6,027.12	\$68.40	\$6,771.60	\$67.50	\$6,682.50
ALTERNATE NO. 2 BID ITEMS SUBTOTAL:					\$13,332.72		\$14,979.60		\$14,782.50
BIDDING SUMMARY									
SUBTOTAL FULSHEAR SCHOOL ROAD WATER ITEMS					\$185,527.52		\$214,889.31		\$252,080.00
SUBTOTAL FULSHEAR SCHOOL ROAD SANITARY SEWER ITEMS					\$129,724.88		\$164,957.55		\$178,670.00
SUBTOTAL FULSHEAR SCHOOL ROAD DRAINAGE FACILITIES ITEMS					\$243,896.52		\$273,160.14		\$315,813.29
SUBTOTAL FULSHEAR SCHOOL ROAD PAVING IMPROVEMENT ITEMS					\$348,566.90		\$342,296.16		\$428,861.55
SUBTOTAL SCHOOL HILL ROAD WATER ITEMS					\$19,772.28		\$21,823.22		\$22,360.50
SUBTOTAL SCHOOL HILL ROAD SANITARY SEWER ITEMS					\$62,853.28		\$69,827.26		\$53,264.00
SUBTOTAL SCHOOL HILL ROAD DRAINAGE FACILITIES ITEMS					\$168,275.72		\$197,835.55		\$201,648.50
SUBTOTAL SCHOOL HILL ROAD PAVING IMPROVEMENT ITEMS					\$158,839.42		\$159,022.16		\$168,851.00
SUBTOTAL SCHOOL HILL ROAD EXTENSION WATER ITEMS					\$12,147.92		\$13,548.13		\$14,093.00
SUBTOTAL SCHOOL HILL ROAD EXTENSION SANITARY SEWER ITEMS					\$27,835.60		\$27,863.84		\$24,484.00
SUBTOTAL SCHOOL HILL ROAD EXTENSION DRAINAGE FACILITIES ITEMS					\$89,011.34		\$112,242.34		\$118,774.50

BID TABULATION FOR:

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

**CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING & APPURTENANCES
 AND CLEARING & GRUBBING TO SERVE FULSHEAR SCHOOL ROAD AND SCHOOL HILL ROAD
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 218
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 AUGUST 4, 2020
 LJA ENGINEERING, INC.
 L. MARTINEZ
 AUGUST 4, 2020
 2493-0114 (9.2)**

ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) TRIPLE B SERVICES, LLP		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	SUBTOTAL SCHOOL HILL ROAD EXTENSION PAVING IMPROVEMENT ITEMS				\$89,490.40		\$91,652.06		\$107,602.00
	SUBTOTAL CLEARING AND GRUBBING ITEMS				\$24,501.40		\$61,785.50		\$75,430.00
	SUBTOTAL MISCELLANEOUS ITEMS				\$48,014.60		\$35,080.01		\$87,150.00
	TOTAL AMOUNT BASE BID				\$1,694,257.58		\$1,775,993.03		\$2,069,090.34
	<u>ALTERNATE NO. 1 BID ITEMS</u>								
	TOTAL AMOUNT BASE BID				\$1,604,257.58		\$1,775,993.03		\$2,069,090.34
	DEDUCT CLEARING AND GRUBBING ITEMS ITEM NO.3				-\$970.20		-\$27,076.50		-\$31,680.00
	SUBTOTAL ALTERNATE NO. 1 BID ITEMS				\$32,551.20		\$22,077.00		\$44,550.00
	TOTAL AMOUNT INCLUDING ALTERNATE NO. 1 BID ITEMS				\$1,635,838.58		\$1,770,993.93		\$2,081,960.34
	<u>ALTERNATE NO. 2 BID ITEMS</u>								
	TOTAL AMOUNT BASE BID				\$1,604,257.58		\$1,775,993.03		\$2,069,090.34
	DEDUCT FULSHEAR SCHOOL ROAD DRAINAGE FACILITIES ITEMS ITEM NO.1				-\$8,265.60		-\$7,678.00		-\$9,054.00
	DEDUCT SCHOOL HILL ROAD DRAINAGE FACILITIES ITEMS ITEM NO.1				-\$6,818.12		-\$6,499.35		-\$8,831.00
	SUBTOTAL ALTERNATE NO. 2 BID ITEMS				\$13,332.72		\$14,979.60		\$14,782.50
	TOTAL AMOUNT INCLUDING ALTERNATE NO. 2 BID ITEMS				\$1,602,585.58		\$1,776,595.28		\$2,067,987.84

LJA Engineering, Inc.