

BID TABULATION FOR:

CONSTRUCTION OF BRIDGE, WATER, DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE TOWN PARK DRIVE PHASE 3
CONROE MUNICIPAL MANAGEMENT DISTRICT NO. 1
CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
NOVEMBER 17, 2020
LJA ENGINEERING, INC.
P. CHATTERJEE
NOVEMBER 17, 2020
2274-1012A&B&C (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) ARANDA BROTHERS CONSTRUCTION CO., INC.	\$869,505.25	\$844,330.25
2) EARTH BUILDERS, L.P.	\$928,747.95	\$912,207.95

CALENDAR DAYS 150/180


Edmund D. Rucker, P.E., hereby certify these bid tabulations to be true and correct.



11/17/20

LJA Engineering, Inc.

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 CITY OF CONROE, MONTGOMERY COUNTY, TEXAS
 NOVEMBER 17, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 17, 2020
 2274-1912A&B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROS. CONSTRUCTION CO., INC		2) EARTH BUILDERS, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BRIDGE ITEMS							
1	20" SQUARE PRESTRESSED CONCRETE PILES, COMPLETE IN PLACE	LF	1100	\$127.00	\$139,700.00	\$120.00	\$132,000.00
2	CLASS "C" CONCRETE – ABUTMENTS, COMPLETE IN PLACE	CY	48	\$900.00	\$43,200.00	\$1,100.00	\$52,800.00
3	CLASS "C" CONCRETE – BENT, COMPLETE IN PLACE	CY	31.1	\$975.00	\$30,322.50	\$1,100.00	\$34,210.00
4	CLASS "S" CONCRETE – SLAB, COMPLETE IN PLACE	CY	187	\$500.00	\$93,500.00	\$700.00	\$130,900.00
5	CLASS "S" CONCRETE – BRIDGE SIDEWALK, COMPLETE IN PLACE	CY	25.9	\$370.00	\$9,583.00	\$650.00	\$16,835.00
6	PRESTRESSED CONCRETE GIRDERS – TX28, COMPLETE IN PLACE	LF	728.95	\$205.00	\$149,434.75	\$161.00	\$117,360.95
7	TYPE C1W RAIL (MOD) – QUANTITY INCLUDES TURN DOWNS, VEHICULAR RAIL & POSTS TO BE GALVANIZED AND POWDER COATED IN ACCORDANCE WITH TXDOT ITEM 445 GALVANIZING, (COLOR TO BE RAL 8025 PALE BROWN WITH SATIN SHEEN), COMPLETE IN PLACE	LF	427	\$185.00	\$78,995.00	\$200.00	\$85,400.00
8	SEALED EXPANSION JOINT – 4" COMPLETE IN PLACE	LF	74	\$120.00	\$8,880.00	\$120.00	\$8,880.00
9	CLASS "B" CONCRETE – RIPRAP (RR8 & RR9), COMPLETE IN PLACE	CY	53.3	\$375.00	\$19,987.50	\$600.00	\$31,980.00
10	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATION NO. 4311 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$3.00	\$300.00
11	STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4911, INCLUDES INSTALLATION AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,100.00	\$2,100.00
12	HYDROMULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
13	BRIDGE FILL AND GRADING, INCLUDES EXCAVATION, HAUL PLACEMENT AND COMPACTION AS BRIDGE FILL, AS PER PROPOSED GRADING ELEVATIONS, INCLUDES TRANSITIONING FROM SLOPE PAVEMENT TO EXISTING NATURAL GROUND AT 5:1 SLOPE, (SEE SHEETS 10 OF 63 AND 18 OF 63 OF THE CONSTRUCTION PLAN SET), USING ON-ROAD TRUCKS, MAXIMUM HAUL DISTANCE NOT TO EXCEED 1 MILE ROUND TRIP, INCLUDES ANY STRIPPING, DEWATERING, DEMUCKING NECESSARY TO PREPARE SITE FOR FILL PLACEMENT, IN ACCORDANCE WITH GEOTECHNICAL REPORT, COMPLETE IN PLACE	CY	5000	\$10.00	\$50,000.00	\$8.50	\$42,500.00
14	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00
BRIDGE ITEMS SUBTOTAL:					\$631,402.75	\$663,565.95	
ROADWAY ITEMS							
1	CLASS "S" CONCRETE – APPROACH SLAB, COMPLETE IN PLACE	CY	90	\$420.00	\$37,800.00	\$750.00	\$67,500.00
2	CLASS "S" CONCRETE – CONCRETE SIDEWALK, COMPLETE IN PLACE	CY	8	\$370.00	\$2,960.00	\$600.00	\$4,800.00
3	CEMENT STABILIZED SAND (CSS) UNDER APPROACH SLAB, COMPLETE IN PLACE	CY	111.8	\$75.00	\$8,385.00	\$75.00	\$8,385.00
4	4" WIDE SOLID PAVEMENT STRIPING, COMPLETE IN PLACE	LF	324	\$5.00	\$1,620.00	\$3.00	\$972.00
5	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	684	\$75.00	\$51,300.00	\$55.00	\$37,620.00
6	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	697	\$5.50	\$3,833.50	\$6.00	\$4,182.00
7	6" CEMENT STABILIZED SUBGRADE MANIPULATION, AT LEAST 40 LBS/SY, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	743	\$5.00	\$3,715.00	\$7.00	\$5,201.00

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 2274-1912A&B&C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROS. CONSTRUCTION CO., INC		2) EARTH BUILDERS, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CEMENT FOR SUBGRADE STABILIZATION (8% CEMENT BY WEIGHT, 40 LBS/SY, PER 6" DEPTH), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY ENGINEER, COMPLETE IN PLACE	TON	15	\$165.00	\$2,475.00	\$220.00	\$3,300.00
9	SAW CUT CONCRETE PAVEMENT AND CURB, FULL DEPTH, COMPLETE IN PLACE	LF	26	\$20.00	\$520.00	\$8.00	\$208.00
10	REMOVE AND DISPOSE OF EXISTING 6" CONCRETE PAVEMENT AND SUBGRADE, AS SPECIFIED BY THE ENGINEER, COMPLETE IN PLACE	SY	112	\$5.00	\$560.00	\$15.00	\$1,680.00
11	REMOVE AND DISPOSE OF EXISTING CURB, COMPLETE IN PLACE	LF	80	\$2.00	\$160.00	\$8.00	\$640.00
12	TIE IN TO EXISTING PAVEMENT ALONG TOWN PARK DRIVE, INCLUDES DOWELING INTO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	26	\$30.00	\$780.00	\$35.00	\$910.00
ROADWAY ITEMS SUBTOTAL:					\$114,108.50	\$135,398.00	
ARCHITECTURAL ITEMS							
1	HARDWOOD (IPE) RAIL FIXED TO TOP STEEL RAIL, APPROXIMATELY 6" X 1.5", COMPLETE IN PLACE	LF	162	\$150.00	\$24,300.00	\$15.00	\$2,430.00
ARCHITECTURAL ITEMS SUBTOTAL:					\$24,300.00	\$2,430.00	
WATER LINE ITEMS							
1	12" WELDED STEEL WATER PIPE RESTRAINED JOINT, ALL DEPTHS, INCLUDES ALL FITTINGS AND ADAPTERS, PIPE HANGERS FOR BRIDGE AND ALL OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	184	\$310.00	\$57,040.00	\$400.00	\$73,600.00
2	12" PVC WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	134	\$55.00	\$7,370.00	\$75.00	\$10,050.00
3	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	134	\$1.00	\$134.00	\$1.00	\$134.00
4	AIR RELEASE VALVE FOR 12" WELDED STEEL WATER LINE, INCLUDES FITTINGS, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00
5	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$800.00	\$800.00
6	FLUSHING VALVE ASSEMBLY, ALL DEPTHS, INCLUDING APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	2	\$6,500.00	\$13,000.00	\$5,500.00	\$11,000.00
7	REMOVE AND DISPOSE EXISTING PLUG AND CLAMP AND CONNECT TO PROPOSED WATER LINE, ALL SIZES, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00
8	REMOVE AND DISPOSE OF EXISTING WATER LINE, ALL DEPTHS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	7	\$25.00	\$175.00	\$10.00	\$70.00
9	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$2,750.00	\$2,750.00	\$2,700.00	\$2,700.00
10	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.5	\$750.00	\$375.00	\$4,000.00	\$2,000.00
WATER LINE ITEMS SUBTOTAL:					\$86,844.00	\$105,354.00	
MISCELLANEOUS BID ITEMS							
1	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$45.00	\$4,500.00
2	CLEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$6,500.00	\$6,500.00
3	CLEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL IN WETLAND AREAS (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	0.05	\$3,000.00	\$150.00	\$10,000.00	\$500.00

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ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROS. CONSTRUCTION CO., INC		2) EARTH BUILDERS, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	STANDARD DEDUCT FOR DAMAGE TO AREAS MARKED FOR PRESERVATION, COMPLETE IN PLACE	AC	0	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00
5	REMOVE AND DISPOSE OF EXISTING TREE UP TO 18" DIAMETER, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00
6	REMOVE AND DISPOSE OF EXISTING TREE OVER 18" DIAMETER AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
7	CITY OF CONROE SUBDIVISION BOND, TO BE PROVIDED ON STANDARD CITY OF CONROE FORM, (TOTAL BOND AMOUNT \$1,618,430.00), COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$9,000.00	\$9,000.00
MISCELLANEOUS BID ITEMS SUBTOTAL:					\$12,850.00	\$22,000.00	
ALTERNATE BID ITEMS							
1	TRENCHLESS CONSTRUCTION FOR 20" CASING AND 12" WATERLINE, (EXCLUDES CASING AND CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, IN LIEU OF WATER LINE ITEM NO. 1, COMPLETE IN PLACE	LF	75	\$75.00	\$5,625.00	\$350.00	\$26,250.00
2	20" STEEL CASING FOR 12" WATER LINE, INCLUDES ALL NECESSARY CAPS, SPACES AND APPURTENANCES, ALL DEPTHS, IN LIEU OF WATER LINE ITEM NO. 1, COMPLETE IN PLACE	LF	75	\$120.00	\$9,000.00	\$250.00	\$18,750.00
3	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 14, CLASS 305, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, IN LIEU OF WATER LINE ITEM NO. 1, COMPLETE IN PLACE	LF	184	\$110.00	\$20,240.00	\$90.00	\$16,560.00
4	AIR RELEASE VALVE FOR 12" WELDED STEEL WATER LINE, INCLUDES FITTINGS, AND ALL OTHER APPURTENANCES, IN LIEU OF WATER LINE ITEM NO. 4, COMPLETE IN PLACE	EA	0	\$2,500.00	\$0.00	\$4,500.00	\$0.00
ALTERNATE BID ITEMS SUBTOTAL:					\$34,865.00	\$61,560.00	
BIDDING SUMMARY							
SUBTOTAL BRIDGE ITEMS					\$631,402.75	\$663,565.95	
SUBTOTAL ROADWAY ITEMS					\$114,108.50	\$135,398.00	
SUBTOTAL ARCHITECTURAL ITEMS					\$24,300.00	\$2,430.00	
SUBTOTAL WATER LINE ITEMS					\$86,844.00	\$105,354.00	
SUBTOTAL MISCELLANEOUS BID ITEMS					\$12,850.00	\$22,000.00	
TOTAL AMOUNT BASE BID					\$869,505.25	\$928,747.95	
ALTERNATE BID ITEMS							
TOTAL AMOUNT BASE BID					\$869,505.25	\$928,747.95	
DEDUCT WATER LINE ITEMS ITEM NO.1					-\$57,040.00	-\$73,600.00	
DEDUCT WATER LINE ITEMS ITEM NO.4					-\$3,000.00	-\$4,500.00	
SUBTOTAL ALTERNATE BID ITEMS					\$34,865.00	\$61,560.00	
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$844,330.25	\$912,207.95	