

BID TABULATION FOR:

CONSTRUCTION OF THE BRIDGE, PAVING AND APPURTENANCES  
TO SERVE KIRBY DRIVE  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40  
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
DECEMBER 9, 2021  
LJA ENGINEERING, INC.  
D. FORREST  
DECEMBER 9, 2021  
2149-8009P (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	CALENDAR DAYS
1) ARANDA BROTHERS CONSTRUCTION CO., INC	\$2,504,822.65	\$2,667,572.65	210/240
2) HARRIS CONSTRUCTION COMPANY, LLC	\$2,946,874.62	\$3,055,374.62	180/210
3) NBG CONSTRUCTORS, INC.	\$2,967,195.00	\$3,030,125.00	180/210
4) MILLIS EQUIPMENT LLC	\$3,016,364.20	\$3,174,774.20	180/210
5) EARTH BUILDERS, L.P.	\$3,281,074.20	\$3,443,824.20	180/210



*[Handwritten Signature]*  
12/9/21

I, Adrian R. Todsens, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROTHERS CONSTRUCTION CO., INC		2) HARRIS CONSTRUCTION COMPANY, LLC		3) NBG CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BRIDGE ITEMS</b>									
1	CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	CY	419.4	\$68.00	\$28,519.20	\$60.00	\$25,164.00	\$60.00	\$25,164.00
2	18" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	240	\$135.00	\$32,400.00	\$135.00	\$32,400.00	\$150.00	\$36,000.00
3	36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	720	\$325.00	\$234,000.00	\$330.00	\$237,600.00	\$410.00	\$295,200.00
4	CLASS "C" CONCRETE - ABUTMENTS, COMPLETE IN PLACE	CY	132	\$985.00	\$130,020.00	\$925.00	\$122,100.00	\$1,500.00	\$198,000.00
5	CLASS "C" CONCRETE - CAP, COMPLETE IN PLACE	CY	38.4	\$1,150.00	\$44,160.00	\$1,080.00	\$41,472.00	\$1,500.00	\$57,600.00
6	CLASS "C" CONCRETE - COLUMN, COMPLETE IN PLACE	CY	18	\$950.00	\$17,100.00	\$2,380.00	\$42,840.00	\$1,500.00	\$27,000.00
7	CLASS "S" CONCRETE - SLAB (8 1/2"), COMPLETE IN PLACE	SF	17280	\$16.85	\$291,168.00	\$19.75	\$341,280.00	\$21.00	\$362,880.00
8	CLASS "S" CONCRETE - BRIDGE CURB, COMPLETE IN PLACE	SF	960	\$8.00	\$7,680.00	\$16.50	\$15,840.00	\$17.00	\$16,320.00
9	CLASS "S" CONCRETE - BRIDGE SIDEWALK, COMPLETE IN PLACE	SF	4800	\$7.50	\$36,000.00	\$16.50	\$79,200.00	\$11.00	\$52,800.00
10	CLASS "S" CONCRETE - APPROACH SLAB, COMPLETE IN PLACE	CY	155.2	\$625.00	\$97,000.00	\$662.00	\$102,742.40	\$675.00	\$104,760.00
11	CAST-IN-PLACE CONCRETE RETAINING WALL (SPREAD FOOTING), INCLUDES CAST-IN-PLACE FOOTING, COMPLETE IN PLACE	SF	1196	\$65.00	\$77,740.00	\$147.85	\$176,828.60	\$90.00	\$107,640.00
12	PRESTRESSED CONCRETE I GIRDERS - TX 54, COMPLETE IN PLACE	LF	2390	\$235.00	\$561,650.00	\$218.50	\$522,215.00	\$240.00	\$573,600.00
13	6" REINFORCED CONCRETE RIPRAP, PER DETAIL IN THE PLANS, COMPLETE IN PLACE	CY	130.4	\$405.00	\$52,812.00	\$690.50	\$90,041.20	\$450.00	\$58,680.00
14	BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LB	434	\$13.50	\$5,859.00	\$45.00	\$19,530.00	\$18.00	\$7,812.00
15	SEALED EXPANSION JOINT - TYPE "B", COMPLETE IN PLACE	LF	104	\$110.00	\$11,440.00	\$129.85	\$13,504.40	\$120.00	\$12,480.00
16	STEEL RAIL - VEHICULAR, COMPLETE IN PLACE	LF	1486	\$135.00	\$200,610.00	\$224.35	\$333,384.10	\$215.00	\$319,490.00
17	CLASS "C" CONCRETE - VEHICULAR RAIL FOUNDATION, COMPLETE IN PLACE	CY	13.2	\$900.00	\$11,880.00	\$1,009.35	\$13,323.42	\$700.00	\$9,240.00
<b>BRIDGE ITEMS SUBTOTAL:</b>					<b>\$1,840,038.20</b>		<b>\$2,209,465.12</b>		<b>\$2,264,666.00</b>
<b>ROADWAY ITEMS</b>									
1	8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	1684	\$59.30	\$99,861.20	\$59.95	\$100,955.80	\$65.00	\$109,460.00
2	10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	1825	\$5.00	\$9,125.00	\$5.90	\$10,767.50	\$4.00	\$7,300.00
3	HYDRATED LIME FOR 10" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 58 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	53	\$195.00	\$10,335.00	\$200.00	\$10,600.00	\$150.00	\$7,950.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1212	\$7.50	\$9,090.00	\$3.25	\$3,939.00	\$6.00	\$7,272.00
5	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	145	\$13.25	\$1,921.25	\$10.00	\$1,450.00	\$7.00	\$1,015.00
6	CUSTOM POMONA TRAFFIC CONTROL SIGN IN ACCORDANCE WITH THE POMONA CUSTOM STREET SIGN DETAIL, INCLUDES ANY STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPING AND SIGNS), COMPLETE IN PLACE	EA	4	\$800.00	\$3,200.00	\$1,475.00	\$5,900.00	\$720.00	\$2,880.00

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 TO SERVE KIRBY DRIVE  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40  
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 DECEMBER 9, 2021  
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 D. FORREST  
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ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROTHERS CONSTRUCTION CO., INC		2) HARRIS CONSTRUCTION COMPANY, LLC		3) NBG CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,250.00	\$2,250.00	\$2,500.00	\$2,500.00	\$1,950.00	\$1,950.00
8	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$200.00	\$400.00	\$500.00	\$1,000.00
9	TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,150.00	\$2,300.00	\$1,250.00	\$2,500.00	\$1,000.00	\$2,000.00
10	CONNECT PROPOSED 8" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	50	\$30.00	\$1,500.00	\$20.00	\$1,000.00	\$13.00	\$650.00
<b>ROADWAY ITEMS SUBTOTAL:</b>					<b>\$140,582.45</b>		<b>\$140,012.30</b>		<b>\$141,477.00</b>
<b>MISCELLANEOUS ROADWAY ITEMS</b>									
1	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$16,500.00	\$16,500.00	\$36,000.00	\$36,000.00	\$25,000.00	\$25,000.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,650.00	\$1,650.00	\$2,800.00	\$2,800.00	\$2,200.00	\$2,200.00
3	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$1,475.00	\$1,475.00	\$715.00	\$715.00
4	4 1/2" THICK REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	SY	293	\$68.00	\$19,924.00	\$71.45	\$20,934.85	\$75.00	\$21,975.00
5	INSTALLATION, MAINTENANCE, AND REMOVAL OF LOW WATER CROSSING USING 8 - 8'X16' TIMBER MATS, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
6	ADDITIONAL 8'X16' TIMBER MAT FOR LOW WATER CROSSING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$350.00	\$350.00	\$800.00	\$800.00
<b>MISCELLANEOUS ROADWAY ITEMS SUBTOTAL:</b>					<b>\$43,824.00</b>		<b>\$71,559.85</b>		<b>\$75,690.00</b>
<b>SWPPP ITEMS</b>									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTION, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
4	TYPE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00	\$75.00	\$150.00	\$125.00	\$250.00
5	TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	4	\$50.00	\$200.00	\$100.00	\$400.00	\$100.00	\$400.00
6	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	2478	\$1.00	\$2,478.00	\$1.50	\$3,717.00	\$4.00	\$9,912.00
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$5,278.00</b>		<b>\$8,467.00</b>		<b>\$19,562.00</b>
<b>ELECTRICAL ITEMS</b>									
1	FURNISH AND INSTALL ELECTRICAL SERVICE, INCLUDES SERVICE RACK AND ALL NECESSARY WIRE, CONDUIT, DUCT BANK, PULL BOXES, FOUNDATIONS, RISERS, GFCI RECEPTACLES, CONTROLS, APPURTENANCES AND TESTING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM, COMPLETE IN PLACE	LS	1	\$198,500.00	\$198,500.00	\$225,475.15	\$225,475.15	\$200,000.00	\$200,000.00
2	FURNISH AND INSTALL LIGHTS (TYPE L1) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE	EA	4	\$4,500.00	\$18,000.00	\$3,500.00	\$14,000.00	\$3,750.00	\$15,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA BROTHERS CONSTRUCTION CO., INC		2) HARRIS CONSTRUCTION COMPANY, LLC		3) NBG CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	FURNISH AND INSTALL LIGHTS (TYPE L2) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE	EA	12	\$1,950.00	\$23,400.00	\$1,650.00	\$19,800.00	\$1,500.00	\$18,000.00
<b>ELECTRICAL ITEMS SUBTOTAL:</b>					<b>\$239,900.00</b>	<b>\$259,275.15</b>	<b>\$233,000.00</b>		
<b>ARCHITECTURAL ITEMS</b>									
1	COLUMN TYPE 1, COMPLETE IN PLACE	EA	8	\$4,750.00	\$38,000.00	\$4,800.00	\$38,400.00	\$3,000.00	\$24,000.00
2	COLUMN TYPE 2, COMPLETE IN PLACE	EA	4	\$4,200.00	\$16,800.00	\$3,600.00	\$14,400.00	\$3,000.00	\$12,000.00
3	PEDESTRIAN RAILING AND POSTS, COMPLETE IN PLACE	LS	656	\$275.00	\$180,400.00	\$312.95	\$205,295.20	\$300.00	\$196,800.00
<b>ARCHITECTURAL ITEMS SUBTOTAL:</b>					<b>\$235,200.00</b>	<b>\$258,095.20</b>	<b>\$232,800.00</b>		
<b>ALTERNATE BID ITEMS</b>									
1	STEEL SHEET PILING FACADE FOR RETAINING WALLS, LBF 1807 GR 36 OR APPROVED EQUAL, INCLUDES ANCHORS AND ALL APPURTENANCES, COMPLETE IN PLACE	SF	2170	\$75.00	\$162,750.00	\$50.00	\$108,500.00	\$29.00	\$62,930.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$162,750.00</b>	<b>\$108,500.00</b>	<b>\$62,930.00</b>		
<b>BIDDING SUMMARY</b>									
SUBTOTAL BRIDGE ITEMS					\$1,840,038.20	\$2,209,465.12	\$2,264,666.00		
SUBTOTAL ROADWAY ITEMS					\$140,582.45	\$140,012.30	\$141,477.00		
SUBTOTAL MISCELLANEOUS ROADWAY ITEMS					\$43,824.00	\$71,559.85	\$75,690.00		
SUBTOTAL SWPPP ITEMS					\$5,278.00	\$8,467.00	\$19,562.00		
SUBTOTAL ELECTRICAL ITEMS					\$239,900.00	\$259,275.15	\$233,000.00		
SUBTOTAL ARCHITECTURAL ITEMS					\$235,200.00	\$258,095.20	\$232,800.00		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,504,822.65</b>	<b>\$2,946,874.62</b>	<b>\$2,967,195.00</b>		
<b>ALTERNATE BID ITEMS</b>									
TOTAL AMOUNT BASE BID					\$2,504,822.65	\$2,946,874.62	\$2,967,195.00		
SUBTOTAL ALTERNATE BID ITEMS					\$162,750.00	\$108,500.00	\$62,930.00		
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>					<b>\$2,667,572.65</b>	<b>\$3,055,374.62</b>	<b>\$3,030,125.00</b>		

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4) MILLIS EQUIPMENT LLC

5) EARTH BUILDERS, L.P.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BRIDGE ITEMS</b>							
1	CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	CY	419.4	\$68.00	\$28,519.20	\$150.00	\$62,910.00
2	18" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	240	\$118.00	\$28,320.00	\$150.00	\$36,000.00
3	36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	720	\$321.50	\$231,480.00	\$350.00	\$252,000.00
4	CLASS "C" CONCRETE - ABUTMENTS, COMPLETE IN PLACE	CY	132	\$944.50	\$124,674.00	\$1,500.00	\$198,000.00
5	CLASS "C" CONCRETE - CAP, COMPLETE IN PLACE	CY	38.4	\$1,130.00	\$43,392.00	\$1,500.00	\$57,600.00
6	CLASS "C" CONCRETE - COLUMN, COMPLETE IN PLACE	CY	18	\$1,309.00	\$23,562.00	\$1,500.00	\$27,000.00
7	CLASS "S" CONCRETE - SLAB (8 1/2"), COMPLETE IN PLACE	SF	17280	\$14.75	\$254,880.00	\$26.00	\$449,280.00
8	CLASS "S" CONCRETE - BRIDGE CURB, COMPLETE IN PLACE	SF	960	\$15.75	\$15,120.00	\$12.00	\$11,520.00
9	CLASS "S" CONCRETE - BRIDGE SIDEWALK, COMPLETE IN PLACE	SF	4800	\$11.25	\$54,000.00	\$12.00	\$57,600.00
10	CLASS "S" CONCRETE - APPROACH SLAB, COMPLETE IN PLACE	CY	155.2	\$569.50	\$88,386.40	\$600.00	\$93,120.00
11	CAST-IN-PLACE CONCRETE RETAINING WALL (SPREAD FOOTING), INCLUDES CAST-IN-PLACE FOOTING, COMPLETE IN PLACE	SF	1196	\$101.00	\$120,796.00	\$150.00	\$179,400.00
12	PRESTRESSED CONCRETE I GIRDERS - TX 54, COMPLETE IN PLACE	LF	2390	\$358.00	\$855,620.00	\$240.00	\$573,600.00
13	6" REINFORCED CONCRETE RIPRAP, PER DETAIL IN THE PLANS, COMPLETE IN PLACE	CY	130.4	\$631.50	\$82,347.60	\$600.00	\$78,240.00
14	BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LB	434	\$15.00	\$6,510.00	\$20.00	\$8,680.00
15	SEALED EXPANSION JOINT - TYPE "B", COMPLETE IN PLACE	LF	104	\$124.00	\$12,896.00	\$150.00	\$15,600.00
16	STEEL RAIL - VEHICULAR, COMPLETE IN PLACE	LF	1486	\$187.50	\$278,625.00	\$210.00	\$312,060.00
17	CLASS "C" CONCRETE - VEHICULAR RAIL FOUNDATION, COMPLETE IN PLACE	CY	13.2	\$1,033.00	\$13,635.60	\$500.00	\$6,600.00
<b>BRIDGE ITEMS SUBTOTAL:</b>					<b>\$2,262,763.80</b>		<b>\$2,419,210.00</b>
<b>ROADWAY ITEMS</b>							
1	8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	1684	\$73.25	\$123,353.00	\$65.00	\$109,460.00
2	10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	1825	\$11.75	\$21,443.75	\$9.00	\$16,425.00
3	HYDRATED LIME FOR 10" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 58 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	53	\$243.50	\$12,905.50	\$220.00	\$11,660.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1212	\$6.60	\$7,999.20	\$5.00	\$6,060.00
5	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	145	\$49.00	\$7,105.00	\$25.00	\$3,625.00
6	CUSTOM POMONA TRAFFIC CONTROL SIGN IN ACCORDANCE WITH THE POMONA CUSTOM STREET SIGN DETAIL, INCLUDES ANY STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPING AND SIGNS), COMPLETE IN PLACE	EA	4	\$986.50	\$3,946.00	\$750.00	\$3,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING, ETC.), COMPLETE IN PLACE	LS	1	\$2,630.00	\$2,630.00	\$2,700.00	\$2,700.00
8	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$329.00	\$658.00	\$150.00	\$300.00
9	TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,249.00	\$2,498.00	\$1,100.00	\$2,200.00
10	CONNECT PROPOSED 8" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	50	\$156.00	\$7,800.00	\$80.00	\$4,000.00
<b>ROADWAY ITEMS SUBTOTAL:</b>					<b>\$190,338.45</b>	<b>\$159,430.00</b>	
<b>MISCELLANEOUS ROADWAY ITEMS</b>							
1	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$8,549.00	\$8,549.00	\$20,000.00	\$20,000.00
2	HYDROMULCH SEEDING OF R.O.W. AND MEDIAN (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$2,630.00	\$2,630.00	\$2,200.00	\$2,200.00
3	EXTRA SIGN, COMPLETE IN PLACE	EA	1	\$986.50	\$986.50	\$750.00	\$750.00
4	4 1/2" THICK REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	SY	293	\$72.25	\$21,169.25	\$65.00	\$19,045.00
5	INSTALLATION, MAINTENANCE, AND REMOVAL OF LOW WATER CROSSING USING 8 - 8'X16' TIMBER MATS, COMPLETE IN PLACE	LS	1	\$96,200.00	\$96,200.00	\$15,000.00	\$15,000.00
6	ADDITIONAL 8'X16' TIMBER MAT FOR LOW WATER CROSSING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,959.00	\$1,959.00	\$800.00	\$800.00
<b>MISCELLANEOUS ROADWAY ITEMS SUBTOTAL:</b>					<b>\$131,493.75</b>	<b>\$57,795.00</b>	
<b>SWPPP ITEMS</b>							
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTION, COMPLETE IN PLACE	LS	1	\$3,617.00	\$3,617.00	\$2,500.00	\$2,500.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	LS	1	\$1,776.00	\$1,776.00	\$1,000.00	\$1,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$4,209.00	\$4,209.00	\$3,200.00	\$3,200.00
4	TYPE I INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	2	\$103.50	\$207.00	\$100.00	\$200.00
5	TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	4	\$103.50	\$414.00	\$68.00	\$272.00
6	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	2478	\$2.40	\$5,947.20	\$2.40	\$5,947.20
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$16,170.20</b>	<b>\$13,119.20</b>	
<b>ELECTRICAL ITEMS</b>							
1	FURNISH AND INSTALL ELECTRICAL SERVICE, INCLUDES SERVICE RACK AND ALL NECESSARY WIRE, CONDUIT, DUCT BANK, PULL BOXES, FOUNDATIONS, RISERS, GFCI RECEPTACLES, CONTROLS, APPURTENANCES AND TESTING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM, COMPLETE IN PLACE	LS	1	\$58,630.00	\$58,630.00	\$230,000.00	\$230,000.00
2	FURNISH AND INSTALL LIGHTS (TYPE L1) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE	EA	4	\$6,116.00	\$24,464.00	\$4,000.00	\$16,000.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE BRIDGE, PAVING AND APPURTENANCES  
 TO SERVE KIRBY DRIVE  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40  
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS  
 DECEMBER 9, 2021  
 LJA ENGINEERING, INC.  
 D. FORREST  
 DECEMBER 9, 2021  
 2149-8009P (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) MILLIS EQUIPMENT LLC		5) EARTH BUILDERS, L.P.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	FURNISH AND INSTALL LIGHTS (TYPE L2) PER ARCHITECTURAL DETAILS, COMPLETE IN PLACE	EA	12	\$3,617.00	\$43,404.00	\$1,500.00	\$18,000.00
<b>ELECTRICAL ITEMS SUBTOTAL:</b>					<b>\$126,498.00</b>	<b>\$264,000.00</b>	
<b>ARCHITECTURAL ITEMS</b>							
1	COLUMN TYPE 1, COMPLETE IN PLACE	EA	8	\$5,013.00	\$40,104.00	\$6,000.00	\$48,000.00
2	COLUMN TYPE 2, COMPLETE IN PLACE	EA	4	\$6,079.00	\$24,316.00	\$11,000.00	\$44,000.00
3	PEDESTRIAN RAILING AND POSTS, COMPLETE IN PLACE	LS	656	\$342.50	\$224,680.00	\$420.00	\$275,520.00
<b>ARCHITECTURAL ITEMS SUBTOTAL:</b>					<b>\$289,100.00</b>	<b>\$367,520.00</b>	
<b>ALTERNATE BID ITEMS</b>							
1	STEEL SHEET PILING FACADE FOR RETAINING WALLS, LBF 1807 GR 36 OR APPROVED EQUAL, INCLUDES ANCHORS AND ALL APPURTENANCES, COMPLETE IN PLACE	SF	2170	\$73.00	\$158,410.00	\$75.00	\$162,750.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$158,410.00</b>	<b>\$162,750.00</b>	
<b>BIDDING SUMMARY</b>							
SUBTOTAL BRIDGE ITEMS					\$2,262,763.80	\$2,419,210.00	
SUBTOTAL ROADWAY ITEMS					\$190,338.45	\$159,430.00	
SUBTOTAL MISCELLANEOUS ROADWAY ITEMS					\$131,493.75	\$57,795.00	
SUBTOTAL SWPPP ITEMS					\$16,170.20	\$13,119.20	
SUBTOTAL ELECTRICAL ITEMS					\$126,498.00	\$264,000.00	
SUBTOTAL ARCHITECTURAL ITEMS					\$289,100.00	\$367,520.00	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$3,016,364.20</b>	<b>\$3,281,074.20</b>	
<b>ALTERNATE BID ITEMS</b>							
TOTAL AMOUNT BASE BID					\$3,016,364.20	\$3,281,074.20	
SUBTOTAL ALTERNATE BID ITEMS					\$158,410.00	\$162,750.00	
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>					<b>\$3,174,774.20</b>	<b>\$3,443,824.20</b>	