

**EXHIBIT "A"**

**MEDINA COUNTY ENGINEER BID TABULATION**

**PROJECT NAME: MED-CR070-3.36 PID: 112572**

**MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$814,029.00**

**BID OPENING DATE: 03/24/2022**

REF NO.	ITEM NUMBER	ITEM EXTENSION	ESTIMATED QUANTITY	UNIT	ITEM DESCRIPTION	WORK TYPE	WORK TYPE	Engineer's Estimate		Karvo Companies Inc		The Shelly Company		Chagrin Valley Paving		Barbicas Construction	
								UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
<b>ROADWAY</b>																	
1	202	23000	100	SQ.YD.	PAVEMENT REMOVED	NR	Y	\$10.00	\$1,000.00	\$19.00	\$1,900.00	\$10.00	\$1,000.00	\$18.00	\$1,800.00	\$16.00	\$1,600.00
2	203	10000	20	CU.YD.	EXCAVATION	6	Y	\$20.00	\$400.00	\$30.00	\$600.00	\$15.00	\$300.00	\$60.00	\$1,200.00	\$25.00	\$500.00
3	203	20000	20	CU.YD.	EMBANKMENT	6	Y	\$20.00	\$400.00	\$25.00	\$500.00	\$15.00	\$300.00	\$80.00	\$1,600.00	\$55.00	\$1,100.00
4	204	10000	100	SQ.YD.	SUBGRADE COMPACTION	6	Y	\$1.00	\$100.00	\$0.20	\$20.00	\$1.00	\$100.00	\$3.00	\$300.00	\$1.00	\$100.00
5	209	60500	5	MILE	LINEAR GRADING	6	Y	\$600.00	\$2,754.00	\$1,400.00	\$6,426.00	\$1,650.00	\$7,573.50	\$750.00	\$3,442.50	\$600.00	\$2,754.00
6	611	98630	1	EACH	CATCH BASIN ADJUSTED TO GRADE	NR	Y	\$600.00	\$600.00	\$1,100.00	\$1,100.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$950.00	\$950.00
7	611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	NR	Y	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
8	623	00000	3	EACH	MEDINA COUNTY MONUMENT BOX (100% LOCAL)	NR	Y	\$800.00	\$2,400.00	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00	\$950.00	\$2,850.00	\$750.00	\$2,250.00
9	623	39500	2	EACH	MONUMENT BOX ADJUSTED TO GRADE	NR	Y	\$600.00	\$1,200.00	\$900.00	\$1,800.00	\$300.00	\$600.00	\$600.00	\$1,200.00	\$465.00	\$930.00
10	SPECIAL	69050000	5	EACH	MAILBOX SUPPORT	NR	Y	\$150.00	\$750.00	\$395.00	\$1,975.00	\$150.00	\$750.00	\$250.00	\$1,250.00	\$175.00	\$875.00
11	SPECIAL	69050100	2	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	NR	Y	\$250.00	\$500.00	\$475.00	\$950.00	\$200.00	\$400.00	\$500.00	\$1,000.00	\$175.00	\$350.00
<b>ROADWAY TOTAL:</b>																	
									<b>\$10,704.00</b>		<b>\$18,971.00</b>		<b>\$15,223.50</b>		<b>\$16,642.50</b>		<b>\$12,209.00</b>
<b>EROSION CONTROL</b>																	
12	659	00300	50	CU.YD.	TOPSOIL	46	Y	\$50.00	\$2,500.00	\$39.00	\$1,950.00	\$40.00	\$2,000.00	\$60.00	\$3,000.00	\$65.00	\$3,250.00
13	659	00510	3000	SQ.YD.	SEEDING AND MULCHING, CLASS 2	46	Y	\$2.00	\$6,000.00	\$2.65	\$7,950.00	\$3.10	\$9,300.00	\$2.00	\$6,000.00	\$1.70	\$5,100.00
14	659	20000	0.50	TON	COMMERCIAL FERTILIZER	46	Y	\$800.00	\$400.00	\$800.00	\$400.00	\$800.00	\$400.00	\$500.00	\$250.00	\$1,000.00	\$500.00
15	659	35000	10	M.GAL	WATER	46	Y	\$10.00	\$100.00	\$1.00	\$10.00	\$30.00	\$300.00	\$5.00	\$50.00	\$10.00	\$100.00
16	832	30000	2000	EACH	EROSION CONTROL	8	Y		<b>\$2,000.00</b>		<b>\$2,000.00</b>		<b>\$2,000.00</b>		<b>\$2,000.00</b>		<b>\$2,000.00</b>
<b>EROSION CONTROL TOTAL:</b>																	
									<b>\$11,000.00</b>		<b>\$12,310.00</b>		<b>\$14,000.00</b>		<b>\$11,300.00</b>		<b>\$10,950.00</b>
<b>PAVEMENT</b>																	
17	253	02001	1,311	CU.YD.	PAVEMENT REPAIR, AS PER PLAN	16	Y	\$135.00	\$176,985.00	\$171.00	\$224,181.00	\$160.00	\$209,760.00	\$150.00	\$196,650.00	\$150.00	\$196,650.00
18	254	01001	31,674	SQ.YD.	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	13	Y	\$1.50	\$47,511.00	\$1.00	\$31,674.00	\$1.55	\$49,094.70	\$2.00	\$63,348.00	\$2.55	\$80,768.70
19	254	01600	287	SQ.YD.	PATCHING PLANED SURFACE	13	Y	\$0.50	\$143.50	\$0.50	\$143.50	\$1.00	\$287.00	\$5.00	\$1,435.00	\$3.80	\$1,090.60
20	304	20001	20	CU.YD.	AGGREGATE BASE, AS PER PLAN	9	Y	\$60.00	\$1,200.00	\$60.00	\$1,200.00	\$50.00	\$1,000.00	\$259.60	\$5,192.00	\$60.00	\$1,200.00
21	407	20000	4,530	GAL	NON-TRACKING TACK COAT	11	Y	\$2.30	\$10,419.00	\$2.25	\$10,192.50	\$2.50	\$11,325.00	\$2.00	\$9,060.00	\$2.50	\$11,325.00
22	408	10000	3,230	GAL	PRIME COAT	11	Y	\$3.00	\$9,690.00	\$3.90	\$12,597.00	\$3.50	\$11,305.00	\$1.50	\$4,845.00	\$4.60	\$14,858.00
23	441	50101	1,338	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN	10	Y	\$140.00	\$187,320.00	\$166.00	\$222,108.00	\$170.00	\$227,460.00	\$155.00	\$207,390.00	\$200.00	\$267,600.00
24	441	50301	1,632	CU.YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN	10	Y	\$130.00	\$212,160.00	\$144.00	\$235,008.00	\$130.00	\$212,160.00	\$150.00	\$244,800.00	\$158.00	\$257,856.00
25	441	50401	20	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN	10	Y	\$200.00	\$4,000.00	\$225.00	\$4,500.00	\$200.00	\$4,000.00	\$500.00	\$10,000.00	\$500.00	\$10,000.00
26	452	10050	100	SQ.YD.	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	38	Y	\$75.00	\$7,500.00	\$75.00	\$7,500.00	\$60.00	\$6,000.00	\$80.00	\$8,000.00	\$65.00	\$6,500.00
27	452	12050	50	SQ.YD.	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	38	Y	\$85.00	\$4,250.00	\$85.00	\$4,250.00	\$70.00	\$3,500.00	\$100.00	\$5,000.00	\$75.00	\$3,750.00

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								UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
28	617	10101	748	CU.YD.	COMPACTED AGGREGATE, AS PER PLAN	6	Y	\$50.00	\$37,400.00	\$68.00	\$50,864.00	\$50.00	\$37,400.00	\$65.00	\$48,620.00	\$90.00	\$67,320.00
29	617	25000	17	M.GAL	WATER	6	Y	\$10.00	\$170.00	\$0.10	\$1.70	\$10.00	\$170.00	\$75.00	\$1,275.00	\$10.00	\$170.00
<b>PAVEMENT TOTAL:</b>									<b>\$698,748.50</b>		<b>\$804,219.70</b>		<b>\$773,461.70</b>		<b>\$805,615.00</b>		<b>\$919,088.30</b>
<b>TRAFFIC CONTROL</b>																	
30	642	00100	4.74	MILE	EDGE LINE, 4", TYPE 1	45	Y	\$525.00	\$2,488.50	\$500.00	\$2,370.00	\$500.00	\$2,370.00	\$500.00	\$2,370.00	\$500.00	\$2,370.00
31	642	00300	2.39	MILE	CENTER LINE, TYPE 1	45	Y	\$850.00	\$2,031.50	\$975.00	\$2,330.25	\$975.00	\$2,330.25	\$975.00	\$2,330.25	\$975.00	\$2,330.25
32	642	00500	100	FT	STOP LINE, TYPE 1	45	Y	\$4.00	\$400.00	\$3.00	\$300.00	\$3.00	\$300.00	\$3.00	\$300.00	\$3.00	\$300.00
33	642	01300	17	EACH	LANE ARROW, TYPE 1	45	Y	\$60.00	\$1,020.00	\$45.00	\$765.00	\$45.00	\$765.00	\$45.00	\$765.00	\$45.00	\$765.00
34	642	00400	1,240	FT	CHANNELIZING LINE, 8", TYPE 1	45	Y	\$1.00	\$1,240.00	\$0.55	\$682.00	\$0.55	\$682.00	\$0.55	\$682.00	\$0.55	\$682.00
36	642	00700	224	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1	45	Y	\$2.00	\$448.00	\$3.50	\$784.00	\$3.50	\$784.00	\$3.50	\$784.00	\$3.50	\$784.00
37	642	00601	130	FT	CROSSWALK LINE, TYPE, AS PER PLAN	45	Y	\$2.25	\$292.50	\$3.00	\$390.00	\$3.00	\$390.00	\$3.00	\$390.00	\$3.00	\$390.00
<b>TRAFFIC CONTROL TOTAL:</b>									<b>\$7,920.50</b>		<b>\$7,621.25</b>		<b>\$7,621.25</b>		<b>\$7,621.25</b>		<b>\$7,621.25</b>
<b>MAINTENANCE OF TRAFFIC</b>																	
38	614	13000	25	CU.YD.	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	39	Y	\$115.00	\$2,875.00	\$255.00	\$6,375.00	\$110.00	\$2,750.00	\$250.00	\$6,250.00	\$150.00	\$3,750.00
39	614	21100	4.78	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	39	Y	\$850.00	\$4,063.00	\$1,200.00	\$5,736.00	\$1,200.00	\$5,736.00	\$1,200.00	\$5,736.00	\$1,200.00	\$5,736.00
40	614	21500	7.17	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	39	Y	\$400.00	\$2,868.00	\$500.00	\$3,585.00	\$500.00	\$3,585.00	\$500.00	\$3,585.00	\$500.00	\$3,585.00
41	614	26200	200	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	39	Y	\$4.00	\$800.00	\$3.00	\$600.00	\$3.00	\$600.00	\$3.00	\$600.00	\$3.00	\$600.00
42	616	10000	5	M.GAL	WATER	39	Y	\$10.00	\$50.00	\$1.00	\$5.00	\$10.00	\$50.00	\$75.00	\$375.00	\$10.00	\$50.00
<b>MAINTENANCE OF TRAFFIC TOTAL:</b>									<b>\$10,656.00</b>		<b>\$16,301.00</b>		<b>\$12,721.00</b>		<b>\$16,546.00</b>		<b>\$13,721.00</b>
<b>INCIDENTALS</b>																	
43	614	11000	LS		MAINTAINING TRAFFIC	39	Y	\$50,000.00	\$50,000.00	\$59,000.00	\$59,000.00	\$111,600.00	\$111,600.00	\$95,000.00	\$95,000.00	\$45,000.00	\$45,000.00
44	624	10000	LS		MOBILIZATION	NR	Y	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$45,000.00	\$45,000.00	\$90,000.00	\$90,000.00
<b>INCIDENTALS TOTAL:</b>									<b>\$75,000.00</b>		<b>\$79,000.00</b>		<b>\$131,600.00</b>		<b>\$140,000.00</b>		<b>\$135,000.00</b>
<b>GRAND TOTALS:</b>									<b>\$814,029.00</b>		<b>\$938,422.95</b>		<b>\$954,627.45</b>		<b>\$997,724.75</b>		<b>\$1,098,589.55</b>