

**EXHIBIT "A"**

**MEDINA COUNTY ENGINEER BID TABULATION**

**PROJECT NAME: MED-CR22-4.18 PID: 93874**

**MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$737,707.00**

**BID OPENING DATE: 02/09/2017**

REF NO.	ITEM NUMBER	ITEM EXTENSION	ESTIMATED QUANTITY	UNIT	ITEM DESCRIPTION	WORK TYPE	WORK TYPE	KOKOSING		CHAGRIN VALLEY PAVING		PERRIN ASPHALT		BURTON SCOT	
								UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS
<b>ROADWAY</b>															
1	202	23000	100	SQ.YD.	PAVEMENT REMOVED	NR	Y	\$17.50	\$1,750.00	\$10.00	\$1,000.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
2	203	10000	60	CU.YD	EXCAVATION	6	Y	\$53.00	\$3,180.00	\$40.00	\$2,400.00	\$50.00	\$3,000.00	\$36.00	\$2,160.00
3	204	10000	175	SQ.YD.	SUBGRADE COMPACTION	6	Y	\$0.75	\$131.25	\$1.00	\$175.00	\$1.00	\$175.00	\$2.00	\$350.00
4	209	60500	5.68	MILE	LINEAR GRADING	6	Y	\$1,225.00	\$6,958.00	\$500.00	\$2,840.00	\$1,500.00	\$8,520.00	\$925.00	\$5,254.00
5	611	98630	4	EACH	CATCH BASIN ADJUSTED TO GRADE	NR	Y	\$525.00	\$2,100.00	\$750.00	\$3,000.00	\$450.00	\$1,800.00	\$800.00	\$3,200.00
6	611	99654	4	EACH	MANHOLE ADJUSTED TO GRADE	NR	Y	\$525.00	\$2,100.00	\$600.00	\$2,400.00	\$450.00	\$1,800.00	\$800.00	\$3,200.00
7	623	00000	3	EACH	MEDINA COUNTY MONUMENT BOX (100% LOCAL)	NR	Y	\$800.00	\$2,400.00	\$750.00	\$2,250.00	\$650.00	\$1,950.00	\$700.00	\$2,100.00
8	623	00000	1	EACH	MEDINA COUNTY MONUMENT ASSEMBLY REMOVED AND REPLACED (100% LOCAL)	NR	Y	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$700.00	\$700.00
9	638	00000	4	EACH	MEDINA COUNTY VALVE BOX ADJUSTED TO GRADE	NR	Y	\$340.00	\$1,360.00	\$400.00	\$1,600.00	\$450.00	\$1,800.00	\$575.00	\$2,300.00
10	SPECIAL	69050100	5	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	NR	Y	\$130.00	\$650.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$210.00	\$1,050.00
<b>ROADWAY TOTAL:</b>									<b>\$21,429.25</b>		<b>\$17,715.00</b>		<b>\$23,845.00</b>		<b>\$21,814.00</b>
<b>EROSION CONTROL</b>															
11	659	00300	50	CU.YD.	TOPSOIL	46	Y	\$45.00	\$2,250.00	\$60.00	\$3,000.00	\$60.00	\$3,000.00	\$59.00	\$2,950.00
12	659	00510	500	SQ.YD.	SEEDING AND MULCHING, CLASS 2	46	Y	\$3.00	\$1,500.00	\$4.00	\$2,000.00	\$4.50	\$2,250.00	\$4.00	\$2,000.00
13	659	20000	0.10	TON	COMMERCIAL FERTILIZER	46	Y	\$900.00	\$90.00	\$1,800.00	\$180.00	\$2,000.00	\$200.00	\$1,800.00	\$180.00
14	659	35000	4	M.GAL	WATER	46	Y	\$1.00	\$4.00	\$40.00	\$160.00	\$50.00	\$200.00	\$40.00	\$160.00
15	832	30000	2000	EACH	EROSION CONTROL	8	Y		\$2,000.00		\$2,000.00		\$2,000.00		\$2,000.00
<b>EROSION CONTROL TOTAL:</b>									<b>\$5,844.00</b>		<b>\$7,340.00</b>		<b>\$7,650.00</b>		<b>\$7,290.00</b>
<b>PAVEMENT</b>															
16	253	02000	989	CU.YD.	PAVEMENT REPAIR	16	Y	\$136.00	\$134,504.00	\$140.00	\$138,460.00	\$150.00	\$148,350.00	\$130.00	\$128,570.00
17	254	01001	36801	SQ.YD.	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	13	Y	\$0.60	\$22,080.60	\$1.30	\$47,841.30	\$1.25	\$46,001.25	\$1.25	\$46,001.25
18	254	01600	356	SQ.YD.	PATCHING PLANED SURFACE	13	Y	\$2.50	\$890.00	\$1.00	\$356.00	\$1.00	\$356.00	\$1.00	\$356.00
19	301	46001	120	CU.YD.	ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN	10	Y	\$125.00	\$15,000.00	\$100.00	\$12,000.00	\$130.00	\$15,600.00	\$180.00	\$21,600.00
20	304	20001	70	CU.YD.	AGGREGATE BASE, AS PER PLAN	9	Y	\$96.00	\$6,720.00	\$75.00	\$5,250.00	\$60.00	\$4,200.00	\$75.00	\$5,250.00
21	407	20000	5566	GAL	NON-TRACKING TACK COAT	11	Y	\$2.60	\$14,471.60	\$2.00	\$11,132.00	\$4.00	\$22,264.00	\$3.00	\$16,698.00

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**PROJECT NAME: MED-CR22-4.18 PID: 93874**

**MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$737,707.00**

**BID OPENING DATE: 02/09/2017**

								KOKOSING		CHAGRIN VALLEY PAVING		PERRIN ASPHALT		BURTON SCOT		
22	408	10000	3999	GAL	PRIME COAT	11	Y	\$3.80	\$15,196.20	\$2.00	\$7,998.00	\$3.50	\$13,996.50	\$3.50	\$13,996.50	
23	441	50101	1334	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN	10	Y	\$128.00	\$170,752.00	\$115.00	\$153,410.00	\$134.00	\$178,756.00	\$135.00	\$180,090.00	
24	441	50301	1923	CU.YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN	10	Y	\$108.00	\$207,684.00	\$107.00	\$205,761.00	\$115.00	\$221,145.00	\$115.00	\$221,145.00	
25	441	50401	30	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, (DRIVEWAYS), AS PER PLAN	10	Y	\$400.00	\$12,000.00	\$190.00	\$5,700.00	\$150.00	\$4,500.00	\$265.00	\$7,950.00	
26	452	10050	100	SQ.YD.	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	38	Y	\$60.00	\$6,000.00	\$60.00	\$6,000.00	\$45.00	\$4,500.00	\$60.00	\$6,000.00	
27	617	10101	883	CU.YD.	COMPACTED AGGREGATE, AS PER PLAN	6	Y	\$30.00	\$26,490.00	\$50.00	\$44,150.00	\$45.00	\$39,735.00	\$55.00	\$48,565.00	
28	617	25000	21	M.GAL	WATER	6	Y	\$4.00	\$84.00	\$5.00	\$105.00	\$10.00	\$210.00	\$50.00	\$1,050.00	
<b>PAVEMENT TOTAL:</b>									<b>\$631,872.40</b>		<b>\$638,163.30</b>		<b>\$699,613.75</b>		<b>\$697,271.75</b>	
<b>TRAFFIC CONTROL</b>																
29	632	26501	1	EACH	DETECTOR LOOP, AS PER PLAN	44		\$2,000.00	\$2,000.00	\$1,750.00	\$1,750.00	\$1,800.00	\$1,800.00	\$1,200.00	\$1,200.00	
30	642	00100	5.68	MILE	EDGE LINE, 4", TYPE 1	45	Y	\$430.00	\$2,442.40	\$430.00	\$2,442.40	\$500.00	\$2,840.00	\$430.00	\$2,442.40	
31	642	00300	2.85	MILE	CENTER LINE, TYPE 1	45	Y	\$825.00	\$2,351.25	\$825.00	\$2,351.25	\$850.00	\$2,422.50	\$825.00	\$2,351.25	
32	642	00500	70	FT	STOP LINE, TYPE 1	45	Y	\$2.80	\$196.00	\$2.80	\$196.00	\$3.00	\$210.00	\$2.80	\$196.00	
<b>TRAFFIC CONTROL TOTAL:</b>									<b>\$6,989.65</b>		<b>\$6,739.65</b>		<b>\$7,272.50</b>		<b>\$6,189.65</b>	
<b>MAINTENANCE OF TRAFFIC</b>																
33	614	13000	25	CU.YD.	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	39	Y	\$87.00	\$2,175.00	\$150.00	\$3,750.00	\$100.00	\$2,500.00	\$275.00	\$6,875.00	
34	614	21100	5.68	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	39	Y	\$725.00	\$4,118.00	\$725.00	\$4,118.00	\$750.00	\$4,260.00	\$725.00	\$4,118.00	
35	614	21500	8.52	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	39	Y	\$490.00	\$4,174.80	\$385.00	\$3,280.20	\$400.00	\$3,408.00	\$385.00	\$3,280.20	
36	614	26200	140	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	39	Y	\$2.70	\$378.00	\$2.70	\$378.00	\$3.00	\$420.00	\$2.70	\$378.00	
37	616	10000	5	M.GAL	WATER	39	Y	\$4.00	\$20.00	\$5.00	\$25.00	\$100.00	\$500.00	\$50.00	\$250.00	
<b>MAINTENANCE OF TRAFFIC TOTAL:</b>									<b>\$10,865.80</b>		<b>\$11,551.20</b>		<b>\$11,088.00</b>		<b>\$14,901.20</b>	
<b>INCIDENTALS</b>																
38	614	11000	LUMP		MAINTAINING TRAFFIC	39	Y	\$54,531.00	\$54,531.00	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$21,800.00	\$21,800.00	
39	624	10000	LUMP		MOBILIZATION	NR	Y	\$20,000.00	\$20,000.00	\$55,990.85	\$55,990.85	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	
<b>INCIDENTALS TOTAL:</b>									<b>\$74,531.00</b>		<b>\$85,990.85</b>		<b>\$35,000.00</b>		<b>\$41,800.00</b>	
<b>GRAND TOTALS:</b>									<b>\$751,532.10</b>		<b>\$767,500.00</b>		<b>\$784,469.25</b>		<b>\$789,266.60</b>	

**Prequalified Total \$749,532.10**

**Prequalified % 99.73%**

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**MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$737,707.00**

**BID OPENING DATE: 02/09/2017**

REF NO.	ITEM NUMBER	ITEM EXTENSION	ESTIMATED QUANTITY	UNIT	ITEM DESCRIPTION	KARVO		SHELLY		BARBICAS		MELWAY	
						UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS	UNIT PRICE BID DOLLARS	TOTAL BID PRICE I CTS
<b>ROADWAY</b>													
1	202	23000	100	SQ.YD.	PAVEMENT REMOVED	\$17.00	\$1,700.00	\$20.00	\$2,000.00	\$10.00	\$1,000.00	\$27.00	\$2,700.00
2	203	10000	60	CU.YD	EXCAVATION	\$55.00	\$3,300.00	\$35.00	\$2,100.00	\$20.00	\$1,200.00	\$45.00	\$2,700.00
3	204	10000	175	SQ.YD.	SUBGRADE COMPACTION	\$0.75	\$131.25	\$2.00	\$350.00	\$1.00	\$175.00	\$1.10	\$192.50
4	209	60500	5.68	MILE	LINEAR GRADING	\$835.00	\$4,742.80	\$4,000.00	\$22,720.00	\$2,500.00	\$14,200.00	\$1,550.00	\$8,804.00
5	611	98630	4	EACH	CATCH BASIN ADJUSTED TO GRADE	\$725.00	\$2,900.00	\$250.00	\$1,000.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00
6	611	99654	4	EACH	MANHOLE ADJUSTED TO GRADE	\$725.00	\$2,900.00	\$250.00	\$1,000.00	\$350.00	\$1,400.00	\$750.00	\$3,000.00
7	623	00000	3	EACH	MEDINA COUNTY MONUMENT BOX (100% LOCAL)	\$600.00	\$1,800.00	\$550.00	\$1,650.00	\$550.00	\$1,650.00	\$525.00	\$1,575.00
8	623	00000	1	EACH	MEDINA COUNTY MONUMENT ASSEMBLY REMOVED AND REPLACED (100% LOCAL)	\$675.00	\$675.00	\$550.00	\$550.00	\$550.00	\$550.00	\$525.00	\$525.00
9	638	00000	4	EACH	MEDINA COUNTY VALVE BOX ADJUSTED TO GRADE	\$450.00	\$1,800.00	\$250.00	\$1,000.00	\$125.00	\$500.00	\$500.00	\$2,000.00
10	SPECIAL	69050100	5	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	\$175.00	\$875.00	\$175.00	\$875.00	\$175.00	\$875.00	\$250.00	\$1,250.00
<b>ROADWAY TOTAL:</b>							<b>\$20,824.05</b>		<b>\$33,245.00</b>		<b>\$23,950.00</b>		<b>\$25,146.50</b>
<b>EROSION CONTROL</b>													
11	659	00300	50	CU.YD.	TOPSOIL	\$25.00	\$1,250.00	\$62.00	\$3,100.00	\$50.00	\$2,500.00	\$46.00	\$2,300.00
12	659	00510	500	SQ.YD.	SEEDING AND MULCHING, CLASS 2	\$1.50	\$750.00	\$2.00	\$1,000.00	\$1.75	\$875.00	\$5.00	\$2,500.00
13	659	20000	0.10	TON	COMMERCIAL FERTILIZER	\$500.00	\$50.00	\$800.00	\$80.00	\$400.00	\$40.00	\$300.00	\$30.00
14	659	35000	4	M.GAL	WATER	\$1.00	\$4.00	\$40.00	\$160.00	\$25.00	\$100.00	\$100.00	\$400.00
15	832	30000	2000	EACH	EROSION CONTROL		\$2,000.00		\$2,000.00		\$2,000.00		\$2,000.00
<b>EROSION CONTROL TOTAL:</b>							<b>\$4,054.00</b>		<b>\$6,340.00</b>		<b>\$5,515.00</b>		<b>\$7,230.00</b>
<b>PAVEMENT</b>													
16	253	02000	989	CU.YD.	PAVEMENT REPAIR	\$150.00	\$148,350.00	\$125.00	\$123,625.00	\$165.00	\$163,185.00	\$145.00	\$143,405.00
17	254	01001	36801	SQ.YD.	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	\$1.12	\$41,217.12	\$1.35	\$49,681.35	\$1.30	\$47,841.30	\$1.25	\$46,001.25
18	254	01600	356	SQ.YD.	PATCHING PLANED SURFACE	\$0.50	\$178.00	\$1.00	\$356.00	\$2.25	\$801.00	\$9.00	\$3,204.00
19	301	46001	120	CU.YD.	ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN	\$150.00	\$18,000.00	\$80.00	\$9,600.00	\$125.00	\$15,000.00	\$150.00	\$18,000.00
20	304	20001	70	CU.YD.	AGGREGATE BASE, AS PER PLAN	\$113.00	\$7,910.00	\$50.00	\$3,500.00	\$65.00	\$4,550.00	\$75.00	\$5,250.00
21	407	20000	5566	GAL	NON-TRACKING TACK COAT	\$3.25	\$18,089.50	\$1.75	\$9,740.50	\$3.75	\$20,872.50	\$4.00	\$22,264.00

**EXHIBIT "A"**

**MEDINA COUNTY ENGINEER BID TABULATION**

**PROJECT NAME: MED-CR22-4.18 PID: 93874**

**MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$737,707.00**

**BID OPENING DATE: 02/09/2017**

						KARVO		SHELLY		BARBICAS		MELWAY	
22	408	10000	3999	GAL	PRIME COAT	\$3.00	\$11,997.00	\$2.00	\$7,998.00	\$4.25	\$16,995.75	\$3.00	\$11,997.00
23	441	50101	1334	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN	\$130.00	\$173,420.00	\$123.50	\$164,749.00	\$142.00	\$189,428.00	\$140.00	\$186,760.00
24	441	50301	1923	CU.YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN	\$110.00	\$211,530.00	\$105.00	\$201,915.00	\$118.00	\$226,914.00	\$130.00	\$249,990.00
25	441	50401	30	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, (DRIVEWAYS), AS PER PLAN	\$300.00	\$9,000.00	\$185.00	\$5,550.00	\$250.00	\$7,500.00	\$350.00	\$10,500.00
26	452	10050	100	SQ.YD.	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	\$50.00	\$5,000.00	\$82.50	\$8,250.00	\$80.00	\$8,000.00	\$85.00	\$8,500.00
27	617	10101	883	CU.YD.	COMPACTED AGGREGATE, AS PER PLAN	\$40.00	\$35,320.00	\$70.00	\$61,810.00	\$70.00	\$61,810.00	\$55.00	\$48,565.00
28	617	25000	21	M.GAL	WATER	\$1.00	\$21.00	\$10.00	\$210.00	\$25.00	\$525.00	\$100.00	\$2,100.00
<b>PAVEMENT TOTAL:</b>							<b>\$680,032.62</b>		<b>\$646,984.85</b>		<b>\$763,422.55</b>		<b>\$756,536.25</b>
<b>TRAFFIC CONTROL</b>													
29	632	26501	1	EACH	DETECTOR LOOP, AS PER PLAN	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
30	642	00100	5.68	MILE	EDGE LINE, 4", TYPE 1	\$430.00	\$2,442.40	\$430.00	\$2,442.40	\$665.00	\$3,777.20	\$450.00	\$2,556.00
31	642	00300	2.85	MILE	CENTER LINE, TYPE 1	\$825.00	\$2,351.25	\$825.00	\$2,351.25	\$815.00	\$2,322.75	\$850.00	\$2,422.50
32	642	00500	70	FT	STOP LINE, TYPE 1	\$2.80	\$196.00	\$2.80	\$196.00	\$2.50	\$175.00	\$3.00	\$210.00
<b>TRAFFIC CONTROL TOTAL:</b>							<b>\$6,989.65</b>		<b>\$6,189.65</b>		<b>\$7,474.95</b>		<b>\$7,688.50</b>
<b>MAINTENANCE OF TRAFFIC</b>													
33	614	13000	25	CU.YD.	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	\$75.00	\$1,875.00	\$150.00	\$3,750.00	\$285.00	\$7,125.00	\$170.00	\$4,250.00
34	614	21100	5.68	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	\$725.00	\$4,118.00	\$725.00	\$4,118.00	\$1,030.00	\$5,850.40	\$750.00	\$4,260.00
35	614	21500	8.52	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	\$385.00	\$3,280.20	\$385.00	\$3,280.20	\$600.00	\$5,112.00	\$400.00	\$3,408.00
36	614	26200	140	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	\$2.70	\$378.00	\$2.70	\$378.00	\$2.50	\$350.00	\$2.70	\$378.00
37	616	10000	5	M.GAL	WATER	\$1.00	\$5.00	\$10.00	\$50.00	\$25.00	\$125.00	\$100.00	\$500.00
<b>MAINTENANCE OF TRAFFIC TOTAL:</b>							<b>\$9,656.20</b>		<b>\$11,576.20</b>		<b>\$18,562.40</b>		<b>\$12,796.00</b>
<b>INCIDENTALS</b>													
38	614	11000	LUMP		MAINTAINING TRAFFIC	\$40,000.00	\$40,000.00	\$102,500.00	\$102,500.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00
39	624	10000	LUMP		MOBILIZATION	\$28,000.00	\$28,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$45,000.00	\$45,000.00
<b>INCIDENTALS TOTAL:</b>							<b>\$68,000.00</b>		<b>\$122,500.00</b>		<b>\$55,000.00</b>		<b>\$95,000.00</b>
<b>GRAND TOTALS:</b>							<b>\$789,556.52</b>		<b>\$826,835.70</b>		<b>\$873,924.90</b>		<b>\$904,397.25</b>