

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate		M. A. Concrete Construction, Inc.		Sorter Construction, Inc.	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1a	102.11/108.5	Connect to existing manhole (6" and/or 8" dia. Pipe) as per Std. Detail SS-04, SS-08.	6.	EA	\$ 1,500.00	\$ 9,000.00	\$ 300.00	\$ 1,800.00	\$ 1,100.00	\$ 6,600.00
1b	102.11/102.1 4/ 108.5	Re-construct manhole bench and invert in existing manhole. Use All-Crete 5-Minute Set (Fostroc Inc.) or equivalent for invert finishing.	6.	EA	\$ 2,000.00	\$ 12,000.00	\$ 650.00	\$ 3,900.00	\$ 2,200.00	\$ 13,200.00
2	102.11/108.5	Sanitary sewer basic manhole (D=5')(48" I.D.).	41.	EA	\$ 1,500.00	\$ 61,500.00	\$ 2,000.00	\$ 82,000.00	\$ 1,500.00	\$ 61,500.00
3	102.11/108.5	Manhole barrel section (D>5')(48" I.D.).	108.	LF	\$ 72.00	\$ 7,776.00	\$ 65.00	\$ 7,020.00	\$ 170.00	\$ 18,360.00
4	102.11/108.5	Sanitary sewer shallow manhole (D<5')(48" I.D.). Includes lid slab if required.	13.	EA	\$ 1,500.00	\$ 19,500.00	\$ 2,000.00	\$ 26,000.00	\$ 1,525.00	\$ 19,825.00
5a	102.11/108.5	Sanitary sewer basic drop manhole (6" dia. pipe)(D=5')(48" I.D.). Includes manhole coating as per 102.11. (See Std. Detail SS-04).	1.	EA	\$ 1,850.00	\$ 1,850.00	\$ 4,000.00	\$ 4,000.00	\$ 2,500.00	\$ 2,500.00
5b	102.11/108.5	Drop manhole barrel section (D>5')(48" I.D.). Includes manhole coating as per 102.11. (See Std. Detail SS-04).	1.26	VLF	\$ 75.00	\$ 94.50	\$ 200.00	\$ 252.00	\$ 395.00	\$ 497.70

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5c	102.11/108.5	Convert existing manhole to drop manhole (48" I.D.). Pipe diameter either 6" or 8". Includes 6" x 8" adapter and manhole coating as per 102.11 (See Std. Detail SS-04). At contractor's discretion, clean, dry and coat inside of manhole or remove, install and coat new manhole barrel(s).	2.	EA	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 1,500.00	\$ 3,000.00
6a	102.9a/108.2	6" gravity sewer pipe (SDR-35 PVC). Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	10,600.	LF	\$ 22.00	\$ 233,200.00	\$ 23.00	\$ 243,800.00	\$ 33.00	\$ 349,800.00
6b	102.9a/108.2	8" gravity sewer pipe (SDR-35 PVC). Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	394.	LF	\$ 28.00	\$ 11,032.00	\$ 25.00	\$ 9,850.00	\$ 41.00	\$ 16,154.00

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7	102.9a/108.2/703.08	6" gravity sewer pipe (PVC Class 160 IPS SDR-26) with EBAA Iron Series 6500 joint restraints installed as per mfg. specifications. Includes Type A bedding and haunching and backfill of trench with native materials meeting CDOT 703.08 Class 2 structure backfill.	2,200.	LF	\$ 35.00	\$ 77,000.00	\$ 36.00	\$ 79,200.00	\$ 52.00	\$ 114,400.00
8a	102/103/104/108.3	4" Sewer service tap, 6" x 4" full body wye (See Std. Detail SS-06).	128.	EA	\$ 36.00	\$ 4,608.00	\$ 55.00	\$ 7,040.00	\$ 50.00	\$ 6,400.00
8b	102/103/104/108.3	4" Sewer service tap, 8" x 4" full body wye (See Std. Detail SS-06).	3.	EA	\$ 40.00	\$ 120.00	\$ 77.00	\$ 231.00	\$ 66.00	\$ 198.00
9a	102/103/104/108.2	4" SDR-35 PVC sanitary service line with native backfill meeting 103.16 earth backfill material. Includes single service line per trench, Type A bedding and haunching, and end-of-service	5,500.	LF	\$ 16.00	\$ 88,000.00	\$ 22.00	\$ 121,000.00	\$ 17.00	\$ 93,500.00
9b	102/103/104/108.2	4" SDR-35 PVC sanitary service line with native backfill meeting 103.16 earth backfill material. Includes two service lines per trench, Type A bedding and haunching, and end-of-service cap.	500.	LF	\$ 20.00	\$ 10,000.00	\$ 23.00	\$ 11,500.00	\$ 20.00	\$ 10,000.00

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9c	102/103/104/108.2	2" Eagle Pure Core Blue SDR-9 200psi CTS HDPE sewer service line. Includes fittings at each end as per Special Provisions, Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	200.	LF	\$ 50.00	\$ 10,000.00	\$ 14.00	\$ 2,800.00	\$ 23.00	\$ 4,600.00
10	104.2.b/108.3	Install 2-way sanitary sewer service cleanout (outside of R.O.W.). Includes irrigation valve box.	5.	EA	\$ 100.00	\$ 500.00	\$ 340.00	\$ 1,700.00	\$ 75.00	\$ 375.00
11	104.2.b/108.3	Install 2-way sanitary sewer service cleanout (within R.O.W.). Includes cleanout ring and cover (see Std. Detail SS-07).	9.	EA	\$ 175.00	\$ 1,575.00	\$ 600.00	\$ 5,400.00	\$ 200.00	\$ 1,800.00
12	GCC56	Newsletter (approximately 170 per distribution, mailed weekly).	1.	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00
13	102/103/104/108.3	4" Sewer service tap, 6" IPS SDR-26 x 4" SDR-35, full body wye, (See Std. Detail SS-06). Includes EBAA Iron Series 6500 joint restraints.	11.	EA	\$ 118.00	\$ 1,298.00	\$ 400.00	\$ 4,400.00	\$ 195.00	\$ 2,145.00
14	102.9/104.2.b / 108.3	Install 8"x4" tapping saddle with stainless steel straps.	9.	EA	\$ 450.00	\$ 4,050.00	\$ 333.00	\$ 2,997.00	\$ 81.00	\$ 729.00

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15	102/103/104/108.2	Install 6" SDR-21 Yelomine restrained joint or SDR-11 HDPE sanitary sewer line via directional drilled bore. Includes directional drilling, placement of pipe, stabilization of bore, and removal of excess pull length. Paid per foot of pipe placed in service.	21.	LF	\$ 100.00	\$ 2,100.00	\$ 110.00	\$ 2,310.00	\$ 147.00	\$ 3,087.00
16	102/103/104/108.2	Install 4" SDR-21 Yelomine restrained joint or SDR-11 HDPE sanitary sewer service via directional drilled bore. Includes directional drilling, placement of pipe, stabilization of bore, and removal of excess pull length. Paid per foot of pipe placed in service.	37.	LF	\$ 70.00	\$ 2,590.00	\$ 105.00	\$ 3,885.00	\$ 150.00	\$ 5,550.00
17	104.4	Cap top half of sewer in concrete per Std. Detail GU-04.	238.	LF	\$ 23.00	\$ 5,474.00	\$ 20.00	\$ 4,760.00	\$ 25.00	\$ 5,950.00
18	104.4	Encase entire sewer in reinforced concrete per Std. Detail GU-04.	135.	LF	\$ 50.00	\$ 6,750.00	\$ 24.00	\$ 3,240.00	\$ 30.00	\$ 4,050.00
19	102.1	Repair un-located irrigation/waterline damaged during construction, including electrical splicing.	150.	EA	\$ 55.00	\$ 8,250.00	\$ 40.00	\$ 6,000.00	\$ 400.00	\$ 60,000.00

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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
20a	102/103/104	Encase 6" gravity sewer pipe (SDR-35 PVC) in 10" Class 200 casing pipe (PVC, HDPE, or steel) via horizontal directional drilling. Includes directional drilling, placement of casing pipe, stabilization of bore, removal of excess pull length, grout seal of annular space between carrier and casing pipe at pipe ends, and polyethylene/stainless steel casing spacers. Minimum wall thickness for steel casing = 0.25".	59.	LF	\$ 130.00	\$ 7,670.00	\$ 160.00	\$ 9,440.00	\$ 150.00	\$ 8,850.00
20b	102/103/104	Encase 6" gravity sewer pipe (SDR-35 PVC) in 10-inch PVC Class 160 SDR-26 heavy wall (sewer) casing-pipe for Hwy 340 sewer crossing. Polyethylene casing spacers required. Grout-seal annular space between casing and sewer pipe at pipe ends.	35.	LF	\$ 85.00	\$ 2,975.00	\$ 100.00	\$ 3,500.00	\$ 85.00	\$ 2,975.00
21	102/104.3.c	Encase 6-inch sanitary sewer in 10-inch steel casing pipe w/ 0.25-inch wall thickness beneath canal crossing. Polyethylene casing spacers required.	15.	LF	\$ 75.00	\$ 1,125.00	\$ 180.00	\$ 2,700.00	\$ 90.00	\$ 1,350.00

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22	104.3d	Vertical relocate PVC waterline as per Std. Detail W-07, W-08, W-12 and Detail RMSID-03. Use Schedule 80 PVC w/ solvent weld joints. Thrust block as per detail RMSID-03. Swab and spray disinfect. Notify Ute Water 3 days prior to work. Thrust blocks and disinfection incidental to pay item.	3.	EA	\$ 2,500.00	\$ 7,500.00	\$ 900.00	\$ 2,700.00	\$ 1,975.00	\$ 5,925.00
23	103.16	Imported trench backfill. Includes disposal of unsuitable excavated material.	5,000.	TON	\$ 8.50	\$ 42,500.00	\$ 8.00	\$ 40,000.00	\$ 8.00	\$ 40,000.00
24	103.15/108.7	Granular stabilization material (Type B).	1,100.	TON	\$ 13.00	\$ 14,300.00	\$ 13.00	\$ 14,300.00	\$ 12.00	\$ 13,200.00
25	103.3	Asphalt Removal for trench excavation: Cut and remove (or full-depth mill) asphalt as shown.	6,800.	SY	\$ 2.00	\$ 13,600.00	\$ 1.30	\$ 8,840.00	\$ 2.50	\$ 17,000.00
26	103.3	Asphalt Removal for T-Top patching of Hwy. 340 (Milling): Remove asphalt and flowfill by milling.	1,250.	SY	\$ 10.00	\$ 12,500.00	\$ 6.00	\$ 7,500.00	\$ 3.00	\$ 3,750.00

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27	103.18/401	Pavement and road base replacement on side streets and driveways: 3" hot bituminous pavement (Grading SX SuperPave 75-gyraton, PG 64-28 oil), over 6" Class 6 ABC (See Std. Detail GU-03). Paid per SY.	6,400.	SY	\$ 18.00	\$ 115,200.00	\$ 16.50	\$ 105,600.00	\$ 17.00	\$ 108,800.00
28	304	6" Class 6 ABC for gravel road surface course. Compact to 95% AASHTO T-180. Paid per SY.	850.	SY	\$ 5.00	\$ 4,250.00	\$ 3.70	\$ 3,145.00	\$ 5.00	\$ 4,250.00
29	103.18/401	Pavement Replacement on Hwy 340: Hot bituminous pavement, Grading SX SuperPave 75-gyraton, Binder Grade PG 64-28.	440.	TON	\$ 66.00	\$ 29,040.00	\$ 55.00	\$ 24,200.00	\$ 73.00	\$ 32,120.00
30	304	12" Class 6 ABC for Hwy 340 road base. Compact in 6" lifts to 95% AASHTO T-180.	190.	TON	\$ 16.00	\$ 3,040.00	\$ 14.00	\$ 2,660.00	\$ 16.00	\$ 3,040.00
31	304	12" Class 6 ABC for Hwy 340 shoulder gravel. Compact in 6" lifts to 95% AASHTO T-180. Paid per ton.	415.	TON	\$ 16.00	\$ 6,640.00	\$ 14.00	\$ 5,810.00	\$ 20.00	\$ 8,300.00
32	206.02/206.0 3	Structure Backfill (flowfill). Paid per CY.	140.	CY	\$ 55.00	\$ 7,700.00	\$ 52.00	\$ 7,280.00	\$ 87.00	\$ 12,180.00
33	103.11/108.8	Rock Excavation. See Special Provisions for definition and payment.	850.	CY	\$ 42.00	\$ 35,700.00	\$ 38.00	\$ 32,300.00	\$ 24.00	\$ 20,400.00

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34	103.14	Install 4" thick concrete cap over sewer pipe. Cap shall extend for 1 FT beyond outer edge of sewer pipe, both sides and shall be placed on top of Type A initial backfill.	388.	LF	\$ 23.00	\$ 8,924.00	\$ 14.00	\$ 5,432.00	\$ 15.00	\$ 5,820.00
35	202	Remove concrete pavement.	70.	SY	\$ 8.00	\$ 560.00	\$ 7.00	\$ 490.00	\$ 5.00	\$ 350.00
36	412	Replace concrete driveway section (6" thick), including patterned concrete.	70.	SY	\$ 49.00	\$ 3,430.00	\$ 60.00	\$ 4,200.00	\$ 40.00	\$ 2,800.00
37	304	4" Class 6 ABC for shoulders and gravel driveways. Compacted to 90% AASHTO T-180.	2,675.	SY	\$ 2.90	\$ 7,757.50	\$ 2.75	\$ 7,356.25	\$ 4.50	\$ 12,037.50
38	703.05	Washed rock surface course for gravel driveways. Match existing type. Thickness is 2" min and 3" max.	600.	SY	\$ 7.00	\$ 4,200.00	\$ 3.50	\$ 2,100.00	\$ 3.00	\$ 1,800.00
39	202/608	Remove and replace concrete or asphalt curb and gutter/curbing/gutter/border. Size and style vary. Match existing.	65.	LF	\$ 12.00	\$ 780.00	\$ 18.00	\$ 1,170.00	\$ 15.00	\$ 975.00
40a	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 12" ADS N-12 IB WT. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	30.	LF	\$ 37.50	\$ 1,125.00	\$ 95.00	\$ 2,850.00	\$ 58.00	\$ 1,740.00

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40b	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 18" ADS N-12 IB WT. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	52.5	LF	\$ 40.00	\$ 2,100.00	\$ 71.00	\$ 3,727.50	\$ 60.00	\$ 3,150.00
40c	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 8" C-900 DR-14. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; flowfill springline to base of asphalt (100 lbs cement/CY); grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	29.	LF	\$ 45.00	\$ 1,305.00	\$ 120.00	\$ 3,480.00	\$ 56.00	\$ 1,624.00
40d	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 12" C-900 DR-14. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; flowfill springline to base of asphalt (100 lbs cement/CY); grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	522.	LF	\$ 45.00	\$ 23,490.00	\$ 65.00	\$ 33,930.00	\$ 43.00	\$ 22,446.00

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40e	213/216	Regrade ditch to new invert. 3:1 Flowline slope between existing ditch and proposed invert. 1.5:1 sideslopes between existing ground and new flowline. Apply native seed hydromulch, then North American Green C-250 erosion control mat, installed as per mfg. specifications. See Detail RMSID-06.	16.	SY	\$ 45.00	\$ 720.00	\$ 75.00	\$ 1,200.00	\$ 50.00	\$ 800.00
40f	203	Regrade existing borrow ditch to provide cover over proposed sanitary sewer pipe. Includes regrading into private property. See Sheet 6b for alignment, profile and cross-sections.	182.	CY	\$ 20.00	\$ 3,640.00	\$ 19.00	\$ 3,458.00	\$ 21.00	\$ 3,822.00
41	202	Remove bush.	6.	EA	\$ 110.00	\$ 660.00	\$ 20.00	\$ 120.00	\$ 165.00	\$ 990.00
42	202	Remove tree.	20.	EA	\$ 300.00	\$ 6,000.00	\$ 140.00	\$ 2,800.00	\$ 300.00	\$ 6,000.00
43	210	Reset Water meter and pit.	3.	EA	\$ 360.00	\$ 1,080.00	\$ 550.00	\$ 1,650.00	\$ 425.00	\$ 1,275.00
44	210	Reset fence (all types).	560.	LF	\$ 15.00	\$ 8,400.00	\$ 12.00	\$ 6,720.00	\$ 10.00	\$ 5,600.00
45	210	Reset mailbox.	20.	EA	\$ 80.00	\$ 1,600.00	\$ 55.00	\$ 1,100.00	\$ 150.00	\$ 3,000.00
46	210	Reset post/sign.	12.	EA	\$ 75.00	\$ 900.00	\$ 35.00	\$ 420.00	\$ 50.00	\$ 600.00
47	210	Reset irrigation system components (per each property).	34.	EA	\$ 400.00	\$ 13,600.00	\$ 140.00	\$ 4,760.00	\$ 520.00	\$ 17,680.00

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48a	210	Reset Landscape Appurtenances (decorative rock, wood chips, tree bark). Match existing w/ Min thickness = 2". Reuse existing if kept free of fines/detritus. Landscaping fabric required and incidental to pay item. Paid per SY.	60.	SY	\$ 10.00	\$ 600.00	\$ 25.00	\$ 1,500.00	\$ 20.00	\$ 1,200.00
48b	210	Reset Landscape Appurtenance (individuals planters, pots, boxes, etc.). Paid per EA.	10.	EA	\$ 35.00	\$ 350.00	\$ 200.00	\$ 2,000.00	\$ 105.00	\$ 1,050.00
49	210	Reset wood border.	40.	LF	\$ 7.50	\$ 300.00	\$ 3.00	\$ 120.00	\$ 4.00	\$ 160.00
50	210	Reset stone/rock/brick/masonry border.	60.	LF	\$ 7.50	\$ 450.00	\$ 35.00	\$ 2,100.00	\$ 6.00	\$ 360.00
51	207	Topsoil, 12" thick. Reuse existing if stockpiled, kept free of detritus, and approved by inspector/engineer.	60.	SY	\$ 10.00	\$ 600.00	\$ 14.00	\$ 840.00	\$ 10.00	\$ 600.00
52	212	Sod. Stockpile, keep free of detritus, and reuse existing 12" topsoil.	1,200.	SY	\$ 7.00	\$ 8,400.00	\$ 12.00	\$ 14,400.00	\$ 3.00	\$ 3,600.00
53	212/213.03(b)	Hydro-seed with native seed mix.	3,700.	SY	\$ 1.50	\$ 5,550.00	\$ 1.00	\$ 3,700.00	\$ 0.75	\$ 2,775.00

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54	203.02/103.16	Excavate, bed, and backfill with materials meeting 103.15 and 103.16 for utility relocations which require excavation beyond that required for sewer installation. Must be approved by engineer or inspector if not spec'd on plans. Trench depth shall be 28 inches unless directed otherwise by engineer or inspector. Notify utility three days in advance. Actual utility relocation by others.	100.	SY	\$ 20.00	\$ 2,000.00	\$ 18.00	\$ 1,800.00	\$ 20.00	\$ 2,000.00
55	629	Reference and reset survey monument.	20.	EA	\$ 225.00	\$ 4,500.00	\$ 140.00	\$ 2,800.00	\$ 125.00	\$ 2,500.00
56	201	Clearing and grubbing.	1.	LS	\$ 13,000.00	\$ 13,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,400.00	\$ 3,400.00
57	209	Dust abatement.	130.	DAY	\$ 45.00	\$ 5,850.00	\$ 24.00	\$ 3,120.00	\$ 65.00	\$ 8,450.00
58	620	Portable sanitary facility.	1.	LS	\$ 1,400.00	\$ 1,400.00	\$ 400.00	\$ 400.00	\$ 600.00	\$ 600.00
59	625	Construction surveying, including as-built drawings.	1.	LS	\$ 19,000.00	\$ 19,000.00	\$ 30,000.00	\$ 30,000.00	\$ 27,385.00	\$ 27,385.00
60	626	Mobilization	1.	LS	\$ 45,000.00	\$ 45,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,850.00	\$ 50,850.00
61	630	Traffic control plan.	1.	LS	\$ 1,500.00	\$ 1,500.00	\$ 750.00	\$ 750.00	\$ 330.00	\$ 330.00
62	630	Traffic control (complete in place).	1.	LS	\$ 30,000.00	\$ 30,000.00	\$ 39,000.00	\$ 39,000.00	\$ 37,400.00	\$ 37,400.00
63	630	Flagging.	216.	HRS	\$ 25.00	\$ 5,400.00	\$ 20.00	\$ 4,320.00	\$ 20.00	\$ 4,320.00
64	208	Stormwater management plan implementation.	1.	LS	\$ 7,000.00	\$ 7,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,500.00	\$ 4,500.00

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FA		Force Account (minor contract revisions)	---	---	\$ 40,000.00	\$ <u>40,000.00</u>	\$ 40,000.00	\$ <u>40,000.00</u>	\$ 40,000.00	\$ <u>40,000.00</u>
TOTAL BID:						\$ 1,170,179.00		\$ 1,172,373.75		\$ 1,373,350.20

[1] - corrected extension

[2] - corrected total

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
1a	102.11/108.5	Connect to existing manhole (6" and/or 8" dia. Pipe) as per Std. Detail SS-04, SS-08.	6.	EA	\$ 300.00	\$ 1,100.00	\$ 700.00
1b	102.11/102.1 4/ 108.5	Re-construct manhole bench and invert in existing manhole. Use All-Crete 5-Minute Set (Fostroc Inc.) or equivalent for invert finishing.	6.	EA	\$ 650.00	\$ 2,200.00	\$ 1,425.00
2	102.11/108.5	Sanitary sewer basic manhole (D=5')(48" I.D.).	41.	EA	\$ 1,500.00	\$ 2,000.00	\$ 1,750.00
3	102.11/108.5	Manhole barrel section (D>5')(48" I.D.).	108.	LF	\$ 65.00	\$ 170.00	\$ 117.50
4	102.11/108.5	Sanitary sewer shallow manhole (D<5')(48" I.D.). Includes lid slab if required.	13.	EA	\$ 1,525.00	\$ 2,000.00	\$ 1,762.50
5a	102.11/108.5	Sanitary sewer basic drop manhole (6" dia. pipe)(D=5')(48" I.D.). Includes manhole coating as per 102.11. (See Std. Detail SS-04).	1.	EA	\$ 2,500.00	\$ 4,000.00	\$ 3,250.00
5b	102.11/108.5	Drop manhole barrel section (D>5')(48" I.D.). Includes manhole coating as per 102.11. (See Std. Detail SS-04).	1.26	VLF	\$ 200.00	\$ 395.00	\$ 297.50

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
5c	102.11/108.5	Convert existing manhole to drop manhole (48" I.D.). Pipe diameter either 6" or 8". Includes 6" x 8" adapter and manhole coating as per 102.11 (See Std. Detail SS-04). At contractor's discretion, clean, dry and coat inside of manhole or remove, install and coat new manhole barrel(s).	2.	EA	\$ 1,500.00	\$ 4,000.00	\$ 2,750.00
6a	102.9a/108.2	6" gravity sewer pipe (SDR-35 PVC). Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	10,600.	LF	\$ 23.00	\$ 33.00	\$ 28.00
6b	102.9a/108.2	8" gravity sewer pipe (SDR-35 PVC). Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	394.	LF	\$ 25.00	\$ 41.00	\$ 33.00

Bid Summary

Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
7	102.9a/108.2/703.08	6" gravity sewer pipe (PVC Class 160 IPS SDR-26) with EBAA Iron Series 6500 joint restraints installed as per mfg. specifications. Includes Type A bedding and haunching and backfill of trench with native materials meeting CDOT 703.08 Class 2 structure backfill.	2,200.	LF	\$ 36.00	\$ 52.00	\$ 44.00
8a	102/103/104/108.3	4" Sewer service tap, 6" x 4" full body wye (See Std. Detail SS-06).	128.	EA	\$ 50.00	\$ 55.00	\$ 52.50
8b	102/103/104/108.3	4" Sewer service tap, 8" x 4" full body wye (See Std. Detail SS-06).	3.	EA	\$ 66.00	\$ 77.00	\$ 71.50
9a	102/103/104/108.2	4" SDR-35 PVC sanitary service line with native backfill meeting 103.16 earth backfill material. Includes single service line per trench, Type A bedding and haunching, and end-of-service	5,500.	LF	\$ 17.00	\$ 22.00	\$ 19.50
9b	102/103/104/108.2	4" SDR-35 PVC sanitary service line with native backfill meeting 103.16 earth backfill material. Includes two service lines per trench, Type A bedding and haunching, and end-of-service cap.	500.	LF	\$ 20.00	\$ 23.00	\$ 21.50

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
9c	102/103/104/108.2	2" Eagle Pure Core Blue SDR-9 200psi CTS HDPE sewer service line. Includes fittings at each end as per Special Provisions, Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 earth backfill material.	200.	LF	\$ 14.00	\$ 23.00	\$ 18.50
10	104.2.b/108.3	Install 2-way sanitary sewer service cleanout (outside of R.O.W.). Includes irrigation valve box.	5.	EA	\$ 75.00	\$ 340.00	\$ 207.50
11	104.2.b/108.3	Install 2-way sanitary sewer service cleanout (within R.O.W.). Includes cleanout ring and cover (see Std. Detail SS-07).	9.	EA	\$ 200.00	\$ 600.00	\$ 400.00
12	GCC56	Newsletter (approximately 170 per distribution, mailed weekly).	1.	LS	\$ 1,500.00	\$ 3,000.00	\$ 2,250.00
13	102/103/104/108.3	4" Sewer service tap, 6" IPS SDR-26 x 4" SDR-35, full body wye, (See Std. Detail SS-06). Includes EBAA Iron Series 6500 joint restraints.	11.	EA	\$ 195.00	\$ 400.00	\$ 297.50
14	102.9/104.2.b / 108.3	Install 8"x4" tapping saddle with stainless steel straps.	9.	EA	\$ 81.00	\$ 333.00	\$ 207.00

Bid Summary**Reed Mesa Sewer Improvement District**

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
15	102/103/104/ 108.2	Install 6" SDR-21 Yelomine restrained joint or SDR-11 HDPE sanitary sewer line via directional drilled bore. Includes directional drilling, placement of pipe, stabilization of bore, and removal of excess pull length. Paid per foot of pipe placed in service.	21.	LF	\$ 110.00	\$ 147.00	\$ 128.50
16	102/103/104/ 108.2	Install 4" SDR-21 Yelomine restrained joint or SDR-11 HDPE sanitary sewer service via directional drilled bore. Includes directional drilling, placement of pipe, stabilization of bore, and removal of excess pull length. Paid per foot of pipe placed in service.	37.	LF	\$ 105.00	\$ 150.00	\$ 127.50
17	104.4	Cap top half of sewer in concrete per Std. Detail GU-04.	238.	LF	\$ 20.00	\$ 25.00	\$ 22.50
18	104.4	Encase entire sewer in reinforced concrete per Std. Detail GU-04.	135.	LF	\$ 24.00	\$ 30.00	\$ 27.00
19	102.1	Repair un-located irrigation/waterline damaged during construction, including electrical splicing.	150.	EA	\$ 40.00	\$ 400.00	\$ 220.00

Bid Summary

Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
20a	102/103/104	Encase 6" gravity sewer pipe (SDR-35 PVC) in 10" Class 200 casing pipe (PVC, HDPE, or steel) via horizontal directional drilling. Includes directional drilling, placement of casing pipe, stabilization of bore, removal of excess pull length, grout seal of annular space between carrier and casing pipe at pipe ends, and polyethylene/stainless steel casing spacers. Minimum wall thickness for steel casing = 0.25".	59.	LF	\$ 150.00	\$ 160.00	\$ 155.00
20b	102/103/104	Encase 6" gravity sewer pipe (SDR-35 PVC) in 10-inch PVC Class 160 SDR-26 heavy wall (sewer) casing-pipe for Hwy 340 sewer crossing. Polyethylene casing spacers required. Grout-seal annular space between casing and sewer pipe at pipe ends.	35.	LF	\$ 85.00	\$ 100.00	\$ 92.50
21	102/104.3.c	Encase 6-inch sanitary sewer in 10-inch steel casing pipe w/ 0.25-inch wall thickness beneath canal crossing. Polyethylene casing spacers required.	15.	LF	\$ 90.00	\$ 180.00	\$ 135.00

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
22	104.3d	Vertical relocate PVC waterline as per Std. Detail W-07, W-08, W-12 and Detail RMSID-03. Use Schedule 80 PVC w/ solvent weld joints. Thrust block as per detail RMSID-03. Swab and spray disinfect. Notify Ute Water 3 days prior to work. Thrust blocks and disinfection incidental to pay item.	3.	EA	\$ 900.00	\$ 1,975.00	\$ 1,437.50
23	103.16	Imported trench backfill. Includes disposal of unsuitable excavated material.	5,000.	TON	\$ 8.00	\$ 8.00	\$ 8.00
24	103.15/108.7	Granular stabilization material (Type B).	1,100.	TON	\$ 12.00	\$ 13.00	\$ 12.50
25	103.3	Asphalt Removal for trench excavation: Cut and remove (or full-depth mill) asphalt as shown.	6,800.	SY	\$ 1.30	\$ 2.50	\$ 1.90
26	103.3	Asphalt Removal for T-Top patching of Hwy. 340 (Milling): Remove asphalt and flowfill by milling.	1,250.	SY	\$ 3.00	\$ 6.00	\$ 4.50

Bid Summary**Reed Mesa Sewer Improvement District**

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
27	103.18/401	Pavement and road base replacement on side streets and driveways: 3" hot bituminous pavement (Grading SX SuperPave 75-gyraton, PG 64-28 oil), over 6" Class 6 ABC (See Std. Detail GU-03). Paid per SY.	6,400.	SY	\$ 16.50	\$ 17.00	\$ 16.75
28	304	6" Class 6 ABC for gravel road surface course. Compact to 95% AASHTO T-180. Paid per SY.	850.	SY	\$ 3.70	\$ 5.00	\$ 4.35
29	103.18/401	Pavement Replacement on Hwy 340: Hot bituminous pavement, Grading SX SuperPave 75-gyraton, Binder Grade PG 64-28.	440.	TON	\$ 55.00	\$ 73.00	\$ 64.00
30	304	12" Class 6 ABC for Hwy 340 road base. Compact in 6" lifts to 95% AASHTO T-180.	190.	TON	\$ 14.00	\$ 16.00	\$ 15.00
31	304	12" Class 6 ABC for Hwy 340 shoulder gravel. Compact in 6" lifts to 95% AASHTO T-180. Paid per ton.	415.	TON	\$ 14.00	\$ 20.00	\$ 17.00
32	206.02/206.0 3	Structure Backfill (flowfill). Paid per CY.	140.	CY	\$ 52.00	\$ 87.00	\$ 69.50
33	103.11/108.8	Rock Excavation. See Special Provisions for definition and payment.	850.	CY	\$ 24.00	\$ 38.00	\$ 31.00

Bid Summary**Reed Mesa Sewer Improvement District**

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
34	103.14	Install 4" thick concrete cap over sewer pipe. Cap shall extend for 1 FT beyond outer edge of sewer pipe, both sides and shall be placed on top of Type A initial backfill.	388.	LF	\$ 14.00	\$ 15.00	\$ 14.50
35	202	Remove concrete pavement.	70.	SY	\$ 5.00	\$ 7.00	\$ 6.00
36	412	Replace concrete driveway section (6" thick), including patterned concrete.	70.	SY	\$ 40.00	\$ 60.00	\$ 50.00
37	304	4" Class 6 ABC for shoulders and gravel driveways. Compacted to 90% AASHTO T-180.	2,675.	SY	\$ 2.75	\$ 4.50	\$ 3.63
38	703.05	Washed rock surface course for gravel driveways. Match existing type. Thickness is 2" min and 3" max.	600.	SY	\$ 3.00	\$ 3.50	\$ 3.25
39	202/608	Remove and replace concrete or asphalt curb and gutter/curbing/gutter/border. Size and style vary. Match existing.	65.	LF	\$ 15.00	\$ 18.00	\$ 16.50
40a	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 12" ADS N-12 IB WT. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	30.	LF	\$ 58.00	\$ 95.00	\$ 76.50

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
40b	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 18" ADS N-12 IB WT. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	52.5	LF	\$ 60.00	\$ 71.00	\$ 65.50
40c	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 8" C-900 DR-14. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; flowfill springline to base of asphalt (100 lbs cement/CY); grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	29.	LF	\$ 56.00	\$ 120.00	\$ 88.00
40d	202/102.10	Remove existing stormwater/irrigation culvert. Replace with 12" C-900 DR-14. Trench width = OD+12" min; =OD+18" max. Install Type A Bedding Material to springline; flowfill springline to base of asphalt (100 lbs cement/CY); grout seal/repair at existing concrete inlet/outlet structure where present; incidental to pay item.	522.	LF	\$ 43.00	\$ 65.00	\$ 54.00

Bid Summary**Reed Mesa Sewer Improvement District**

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
40e	213/216	Regrade ditch to new invert. 3:1 Flowline slope between existing ditch and proposed invert. 1.5:1 sideslopes between existing ground and new flowline. Apply native seed hydromulch, then North American Green C-250 erosion control mat, installed as per mfg. specifications. See Detail RMSID-06.	16.	SY	\$ 50.00	\$ 75.00	\$ 62.50
40f	203	Regrade existing borrow ditch to provide cover over proposed sanitary sewer pipe. Includes regrading into private property. See Sheet 6b for alignment, profile and cross-sections.	182.	CY	\$ 19.00	\$ 21.00	\$ 20.00
41	202	Remove bush.	6.	EA	\$ 20.00	\$ 165.00	\$ 92.50
42	202	Remove tree.	20.	EA	\$ 140.00	\$ 300.00	\$ 220.00
43	210	Reset Water meter and pit.	3.	EA	\$ 425.00	\$ 550.00	\$ 487.50
44	210	Reset fence (all types).	560.	LF	\$ 10.00	\$ 12.00	\$ 11.00
45	210	Reset mailbox.	20.	EA	\$ 55.00	\$ 150.00	\$ 102.50
46	210	Reset post/sign.	12.	EA	\$ 35.00	\$ 50.00	\$ 42.50
47	210	Reset irrigation system components (per each property).	34.	EA	\$ 140.00	\$ 520.00	\$ 330.00

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
48a	210	Reset Landscape Appurtenances (decorative rock, wood chips, tree bark). Match existing w/ Min thickness = 2". Reuse existing if kept free of fines/detritus. Landscaping fabric required and incidental to pay item. Paid per SY.	60.	SY	\$ 20.00	\$ 25.00	\$ 22.50
48b	210	Reset Landscape Appurtenance (individuals planters, pots, boxes, etc.). Paid per EA.	10.	EA	\$ 105.00	\$ 200.00	\$ 152.50
49	210	Reset wood border.	40.	LF	\$ 3.00	\$ 4.00	\$ 3.50
50	210	Reset stone/rock/brick/masonry border.	60.	LF	\$ 6.00	\$ 35.00	\$ 20.50
51	207	Topsoil, 12" thick. Reuse existing if stockpiled, kept free of detritus, and approved by inspector/engineer.	60.	SY	\$ 10.00	\$ 14.00	\$ 12.00
52	212	Sod. Stockpile, keep free of detritus, and reuse existing 12" topsoil.	1,200.	SY	\$ 3.00	\$ 12.00	\$ 7.50
53	212/213.03(b))	Hydro-seed with native seed mix.	3,700.	SY	\$ 0.75	\$ 1.00	\$ 0.88

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
54	203.02/103.16	Excavate, bed, and backfill with materials meeting 103.15 and 103.16 for utility relocations which require excavation beyond that required for sewer installation. Must be approved by engineer or inspector if not spec'd on plans. Trench depth shall be 28 inches unless directed otherwise by engineer or inspector. Notify utility three days in advance. Actual utility relocation by others.	100.	SY	\$ 18.00	\$ 20.00	\$ 19.00
55	629	Reference and reset survey monument.	20.	EA	\$ 125.00	\$ 140.00	\$ 132.50
56	201	Clearing and grubbing.	1.	LS	\$ 1,500.00	\$ 3,400.00	\$ 2,450.00
57	209	Dust abatement.	130.	DAY	\$ 24.00	\$ 65.00	\$ 44.50
58	620	Portable sanitary facility.	1.	LS	\$ 400.00	\$ 600.00	\$ 500.00
59	625	Construction surveying, including as-built drawings.	1.	LS	\$ 27,385.00	\$ 30,000.00	\$ 28,692.50
60	626	Mobilization	1.	LS	\$ 20,000.00	\$ 50,850.00	\$ 35,425.00
61	630	Traffic control plan.	1.	LS	\$ 330.00	\$ 750.00	\$ 540.00
62	630	Traffic control (complete in place).	1.	LS	\$ 37,400.00	\$ 39,000.00	\$ 38,200.00
63	630	Flagging.	216.	HRS	\$ 20.00	\$ 20.00	\$ 20.00
64	208	Stormwater management plan implementation.	1.	LS	\$ 2,500.00	\$ 4,500.00	\$ 3,500.00

Bid Summary
Reed Mesa Sewer Improvement District

Bid Opening: 7/6/2005

By: David Donohue, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Average Unit Price
FA		Force Account (minor contract revisions)	---	---	40,000.00	40,000.00	40,000.00
TOTAL BID:							

[1] - corrected extension

[2] - corrected total