

**Project:** WEST MESA PASS WATER MAIN REPLACEMENT  
**Location:** WEST MESA PASS NORTH OF CHEYENNE DRIVE

A/E Firm: MARSHALL ENGINEERING, INC.  
 Address: 6400 N. CLIFF AVENUE  
 City/State/Zip: SIOUX FALLS, SD 57104  
 Phone No.: 605.338.5736  
 Value of OFM: \$

Bid Estimate: \$ 1,353,429.00  
 Budget: \$ 2,983,977.00  
 Letting Date: 03/31/22  
 Time: 2:15 PM

Bidder: First Rate Excavate, Inc.  
 Address: 1509 E. 39th St. N.  
 City/State/Zip: Sioux Falls, SD 57104  
 Phone No.: 605.331.5626

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	009.0010	Mobilization	LS	1.00	391,972.11	\$ 391,972.11
2	110.0300	Remove Concrete Curb & Gutter	FT	911.00	8.00	\$ 7,288.00
3	110.1010	Remove Asphalt Concrete Pavement	SQYD	6,819.00	5.00	\$ 34,095.00
4	SPECIAL	Remove Concrete Valley Gutter	SQYD	77.00	12.00	\$ 924.00
5	SPECIAL	Remove Concrete Fillet Section	SQYD	49.00	12.00	\$ 588.00
6	110.1140	Remove Concrete Sidewalk	SQYD	170.00	6.00	\$ 1,020.00
7	110.8100	Saw Existing Asphalt	FT	2,908.00	8.00	\$ 23,264.00
8	110.8110	Saw Existing PCC Paving	FT	406.00	12.00	\$ 4,872.00
9	120.0010	Unclassified Excavation	CUYD	1,772.00	18.50	\$ 32,782.00
10	120.0100	Unclassified Excavation, Dig Outs	CUYD	100.00	8.50	\$ 850.00
11	230.0020	Placing Contractor Furnished Topsoil	CUYD	112.00	50.00	\$ 5,600.00
12	250.0020	Incidental Work, Grading	LS	1.00	68,723.00	\$ 68,723.00
13	332.0010	2" Cold Milling Asphalt Concrete	SQYD	4,289.00	5.00	\$ 21,445.00
14	634.0110	Traffic Control	SQFT	627.00	4.40	\$ 2,758.80
15	634.0120	Traffic Control, Miscellaneous	LS	1.00	11,660.00	\$ 11,660.00
16	634.0285	Type 3 Barricade, 8' Double Sided	EACH	35.00	110.00	\$ 3,850.00
17	634.2000	Longitudinal Pedestrian Barricade	FT	48.00	5.50	\$ 264.00
18	634.2015	Temporary Pedestrian Access Route	LS	1.00	5,000.00	\$ 5,000.00
19	634.2020	Temporary Curb Ramp	EACH	4.00	55.00	\$ 220.00
20	735.4000	Tree Trimming	EACH	10.00	220.00	\$ 2,200.00
21	950.5700	Locating Utility	EACH	2.00	250.00	\$ 500.00
22	950.5710	Verify Utility	EACH	2.00	250.00	\$ 500.00
23	999.0023	Temporary Mailbox	EACH	61.00	55.00	\$ 3,355.00
24	999.8000	Root Grinding	EACH	3.00	220.00	\$ 660.00
25	110.1700	Remove Silt Fence	FT	100.00	0.28	\$ 28.00
26	120.6300	Water For Vegetation	MGAL	32.00	22.00	\$ 704.00
27	730.0301	Quality Green Turf Mix	LB	56.00	13.20	\$ 739.20
28	731.0100	Fertilizing	LB	28.00	1.10	\$ 30.80
29	731.0200	Weed Control	SQYD	512.00	0.03	\$ 15.36
30	732.0210	Weed Control - Project	LS	1.00	165.00	\$ 165.00
31	732.0200	Fiber Mulching	TON	0.70	1650.00	\$ 1,155.00
32	734.0601	Silt Fence	FT	100.00	1.10	\$ 110.00
33	734.0610	Mucking Silt Fence	CUYD	5.00	0.28	\$ 1.40
34	734.0850	Inlet Protection	EACH	9.00	88.00	\$ 792.00
35	734.5010	Sweeping	HOUR	10.00	85.00	\$ 850.00
36	734.6001	Temporary Vehicle Tracking Control	EACH	4.00	400.00	\$ 1,600.00
37	734.6006	Concrete Washout Area	EACH	3.00	200.00	\$ 600.00
38	120.6200	Water For Granular Material	MGAL	40.00	10.00	\$ 400.00
39	260.1010	Aggregate Base Course	TON	3,348.00	22.00	\$ 73,656.00
40	320.1215	Asphalt Concrete Composite, PG58-34 (Polymer Modified)	TON	2,623.00	121.77	\$ 319,402.71
41	320.1250	Asphalt Concrete For Patching	TON	16.00	275.00	\$ 4,400.00
42	380.4010	6" PCC Fillet Section	SQYD	49.00	101.20	\$ 4,958.80
43	380.6115	Install Steel Bar In Concrete Pavement No. 5	EACH	104.00	13.75	\$ 1,430.00
44	650.7000	Concrete Curb & Gutter Type SF66	FT	911.00	41.53	\$ 37,833.83
45	650.8000	Concrete Valley Gutter 6" Thick	SQYD	77.00	101.20	\$ 7,792.40
46	651.0040	4" Concrete Sidewalk	SQFT	452.00	9.74	\$ 4,402.48
47	651.0860	6" Accessible Curb Ramp Sidewalk	SQFT	1,117.00	16.34	\$ 18,251.78
48	651.6030	Type B Detectable Warnings	SQFT	152.00	75.63	\$ 11,495.76
49	831.0050	Geotextile Fabric For Subgrade Stabilization	SQYD	7,299.00	3.00	\$ 21,897.00
50	110.0400	Remove Drop Inlet	EACH	4.00	800.00	\$ 3,200.00
51	110.0425	Remove Junction Box	EACH	4.00	800.00	\$ 3,200.00
52	110.0530	Remove Storm Sewer Pipe	FT	568.00	15.00	\$ 8,520.00
53	280.6010	Granular Material	TON	175.00	20.00	\$ 3,500.00
54	450.0123	18" RCP Class 3, Furnish	FT	64.00	36.46	\$ 2,333.44
55	450.0130	18" RCP, Install	FT	64.00	65.00	\$ 4,160.00
56	450.0143	24" RCP Class 3, Furnish	FT	8.00	55.22	\$ 441.76
57	450.0150	24" RCP, Install	FT	8.00	72.00	\$ 576.00
58	450.0163	30" RCP Class 3, Furnish	FT	8.00	79.50	\$ 636.00
59	450.0170	30" RCP, Install	FT	8.00	80.00	\$ 640.00
60	450.0203	48" RCP Class 3, Furnish	FT	144.00	172.51	\$ 24,841.44
61	450.0210	48" RCP, Install	FT	144.00	100.00	\$ 14,400.00
62	450.3033	36" RCP Arch Class 3, Furnish	FT	328.00	139.18	\$ 45,651.04
63	450.3040	36" RCP Arch, Install	FT	328.00	89.00	\$ 29,192.00
64	462.0100	Class M6 Concrete	CUYD	38.28	825.00	\$ 31,581.00
65	480.0100	Reinforcing Steel	LB	4,357.00	2.37	\$ 10,326.09

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Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
66	670.1100	Type Y Manhole Frame & Lid	EACH	4.00	567.00	\$ 2,268.00
67	671.0100	Adjust Junction Box	EACH	5.00	800.00	\$ 4,000.00
68	950.3102	8" Sewer Coupling	EACH	1.00	280.00	\$ 280.00
69	950.5300	Manhole Frame & Cover	EACH	5.00	661.00	\$ 3,305.00
70	950.5410	Temporary Manhole Construction Frame & Cov	EACH	5.00	450.00	\$ 2,250.00
71	SPECIAL	Storm Sewer Concrete Collar	EACH	4.00	590.00	\$ 2,360.00
72	SPECIAL	8" PVC Storm Sewer	FT	8.00	49.00	\$ 392.00
73	009.0550	Tax On City Furnished Material (Water Main)	LS	1.00	7,536.74	\$ 7,536.74
74	110.1910	Remove Fire Hydrant	EACH	6.00	300.00	\$ 1,800.00
75	110.1960	Remove Valve Box	EACH	10.00	225.00	\$ 2,250.00
76	110.1970	Remove Water Main	FT	2,755.00	4.00	\$ 11,020.00
77	250.0040	Incidental Work, Utilities	LS	1.00	36,000.00	\$ 36,000.00
78	SPECIAL	Install City Furnished 6" C900 DR18 PVC Wate	FT	66.00	52.00	\$ 3,432.00
79	SPECIAL	Install City Furnished 8" C900 DR18 PVC Wate	FT	2,481.00	54.00	\$ 133,974.00
80	SPECIAL	Install City Furnished 10" C900 DR18 PVC Wat	FT	8.00	56.00	\$ 448.00
81	SPECIAL	Install City Furnished 12" C900 DR18 PVC Wat	FT	183.00	58.00	\$ 10,614.00
82	SPECIAL	Install City Furnished 6" MJ Gate Valve with Bo:	EACH	6.00	400.00	\$ 2,400.00
83	SPECIAL	Install City Furnished 8" MJ Gate Valve with Bo:	EACH	8.00	450.00	\$ 3,600.00
84	SPECIAL	Install City Furnished 12" MJ Gate Valve with Bi	EACH	4.00	600.00	\$ 2,400.00
85	900.0450	Valve Box Adjustment	EACH	14.00	300.00	\$ 4,200.00
86	SPECIAL	Install City Furnished 8" MJ Elbow 11.25 Degre	EACH	2.00	275.00	\$ 550.00
87	SPECIAL	Install City Furnished 8" MJ Elbow 22.5 Degree	EACH	4.00	275.00	\$ 1,100.00
88	SPECIAL	Install City Furnished 8" MJ Elbow 45 Degree	EACH	4.00	275.00	\$ 1,100.00
89	SPECIAL	Install City Furnished 12" MJ Elbow 11.25 Degre	EACH	1.00	300.00	\$ 300.00
90	SPECIAL	Install City Furnished 12" MJ Elbow 22.5 Degre	EACH	2.00	300.00	\$ 600.00
91	SPECIAL	Install City Furnished 12" MJ Elbow 45 Degree	EACH	1.00	300.00	\$ 300.00
92	SPECIAL	Install City Furnished 8" x 6" MJ Tee	EACH	5.00	325.00	\$ 1,625.00
93	SPECIAL	Install City Furnished 12" x 6" MJ Tee	EACH	1.00	325.00	\$ 325.00
94	SPECIAL	Install City Furnished 12" x 10" MJ Reducer	EACH	4.00	275.00	\$ 1,100.00
95	SPECIAL	Install City Furnished 12" x 8" MJ Cross	EACH	2.00	375.00	\$ 750.00
96	SPECIAL	Install City Furnished 8" MJ Long Sleeve	EACH	3.00	275.00	\$ 825.00
97	SPECIAL	Install City Furnished 10" MJ Long Sleeve	EACH	4.00	300.00	\$ 1,200.00
98	SPECIAL	Install City Furnished 6" MJ Retainer Gland	EACH	24.00	35.00	\$ 840.00
99	SPECIAL	Install City Furnished 8" MJ Retainer Gland	EACH	58.00	35.00	\$ 2,030.00
100	SPECIAL	Install City Furnished 10" MJ Retainer Gland	EACH	12.00	45.00	\$ 540.00
101	SPECIAL	Install City Furnished 12" MJ Retainer Gland	EACH	24.00	55.00	\$ 1,320.00
102	SPECIAL	Install City Furnished Fire Hydrant	EACH	6.00	1,500.00	\$ 9,000.00
103	900.1507	Temporary Fire Hydrant (Testing)	EACH	2.00	4,888.00	\$ 9,776.00
104	900.1600	Temporary Water Service	EACH	60.00	800.00	\$ 48,000.00
105	900.1601	Temporary Water Main	LS	1.00	30,000.00	\$ 30,000.00
106	900.1751	Cut & Tie to Existing Water Main	EACH	6.00	2,450.00	\$ 14,700.00
107	900.3010	Water Service Reconnect, 1" Service	EACH	60.00	891.00	\$ 53,460.00
108	900.3120	8" x 1" Water Service Tap	EACH	60.00	850.00	\$ 51,000.00
109	900.3500	1" Pexa Water Service Piping	FT	300.00	27.00	\$ 8,100.00
110	900.8001	6" Water Main Bedding Material	FT	66.00	6.00	\$ 396.00
111	900.8002	8" Water Main Bedding Material	FT	2,481.00	7.00	\$ 17,367.00
112	900.8003	10" Water Main Bedding Material	FT	8.00	8.00	\$ 64.00
113	900.8004	12" Water Main Bedding Material	FT	183.00	10.00	\$ 1,830.00
114	900.8100	Water Service Bedding Material	FT	300.00	5.00	\$ 1,500.00
115	260.7020	Select Fill	TON	1,625.00	18.00	\$ 29,250.00
116	9.0550	Tax On City Furnished Materials (Sanitary Sewer)	LS	1.00	29.04	\$ 29.04
117	110.0520	Remove Sewer Pipe	FT	20.00	10.00	\$ 200.00
118	260.6010	Granular Material	TON	20.00	18.00	\$ 360.00
119	260.7010	Trench Stabilization Material	TON	10.00	30.00	\$ 300.00
120	SPECIAL	Install City Furnished 8" Sanitary Sewer Pipe 8'	FT	20.00	153.00	\$ 3,060.00
121	950.2000	8" Sanitary Sewer Pipe Bedding Material	FT	20.00	10.00	\$ 200.00
122	SPECIAL	Install City Furnished 8" Sewer Coupling	EACH	4.00	265.00	\$ 1,060.00
123	950.5000	Adjust Manhole	EACH	13.00	935.00	\$ 12,155.00
124	950.5250	Sanitary Sewer Temporary Bypass	LS	1.00	1500.00	\$ 1,500.00
125	950.5300	Manhole Frame and Cover	EACH	13.00	678.00	\$ 8,814.00
126	950.5410	Temporary Manhole Construction Frame & Cov	EACH	13.00	450.00	\$ 5,850.00
127	110.5021	Salvage Traffic Sign for Reset	EACH	3.00	22.00	\$ 66.00
128	632.1320	2.0" x 2.0" Perforated Tube Post	FT	28.50	16.50	\$ 470.25
129	632.1330	2.25" x 2.25" Perforated Tube Post	FT	10.50	18.70	\$ 196.35
130	632.1340	2.5" x 2.5" Perforated Tube Post	FT	4.50	20.90	\$ 94.05
131	632.3060	Install Traffic Sign on Post	EACH	3.00	55.00	\$ 165.00

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132	SPECIAL	Remove/Salvage/Reset Existing Signs and Pos	EACH	5.00	55.00 \$	275.00
133	009.0550	Tax On City Furnished Materials (Roadway Ligh	LS	1.00	631.37 \$	631.37
134	110.1539	Remove Luminaire Pole	EACH	8.00	385.00 \$	3,080.00
135	110.1540	Remove Luminaire Pole Footing	EACH	8.00	650.00 \$	5,200.00
136	250.0015	Incidental Work, Lighting	LS	1.00	1,430.00 \$	1,430.00
137	635.4020	2' Diameter Footing	FT	40.00	295.00 \$	11,800.00
138	635.4600	Tie to Existing Conduit	EACH	25.00	120.00 \$	3,000.00
139	635.5825	Install Breakaway Base Liminaire Pole With 8' Arm - 25' Mounting Height	EACH	8.00	514.00 \$	4,112.00
140	635.6200	Install LED Luminaire Class A	EACH	8.00	97.00 \$	776.00
141	635.8110	2" Rigid Conduit, Schedule 80	FT	1,450.00	19.00 \$	27,550.00
142	SPECIAL	Install Contractor Furnished 4/4/4 AWG Wire	FT	3,245.00	3.80 \$	12,331.00
<b>TOTAL GROSS BID</b>					<b>Total Bid</b>	<b>\$ 1,948,484.00</b>