



**April 3, 2018**

**RE: PHASE 2 UTILITY IMPROVEMENTS  
MILLER, SOUTH DAKOTA  
SPN #14842**

**BID LETTING: WEDNESDAY, APRIL 12, 2018 @ 3:33 PM**

***ADDENDUM NUMBER 1***

The following modifications are to be made to the plans and specifications for the Phase 2 Utility Improvements Project.

**Bid Form**

Page 12 shall be replaced with the attached Bid Form sheet.

**Section 01570. Traffic Regulation and Barricades, Paragraph 1.03 C**

Paragraph 1.03 C. shall be deleted in its entirety and replaced with the following:

- C. Measurement and payment for setting up and maintaining Type III barricades, reflectorized drums, and channelizing devices shall be on a per each basis as indicated on the Bid Form.

**Section 02645. Hydrants, Paragraph 2.01 A**

Paragraph 2.01 A. shall be deleted in its entirety and replaced with the following:

- A. Hydrants shall be as manufactured by American Darling Valve Co., Birmingham, Alabama; Mueller Company, Decatur, Illinois; Waterous Company, South St. Paul, Minnesota; American AVK Company, Minden, Nevada; or approved equal. Hydrants shall be furnished with mechanical joint base elbow. Connecting bolts shall be Type 304 stainless steel. The hydrants shall be furnished with 6.5' bury and 16" break off section unless specifically called out otherwise.

**Section 02645. Hydrants, Paragraph 2.01**

Insert the following paragraphs after Paragraph 2.01 B.

- C. Hydrant shall be dry barrel types as manufactured in accordance with AWWA Standard C502. Hydrant shall be designed for 250 pounds working pressure and shop tested to 500 pounds hydrostatic pressure prior to shipment to the project site.
- D. Hydrant body shall be constructed from ductile iron. Hydrants shall be "nostalgic" or "traditional" style with round shaped tops. Hydrants shall be of the "break-away" design. Valves, when closed, shall remain reasonably tight when the upper portion of the barrel and operating mechanism are broken away. The barrel sections shall be bolted, not screwed, to the lower section. The base elbow flange connection bolts shall be Type 304 stainless steel.

- E. The main valve seat ring and drain ring shall be bronze. The main valve shall be compression type. Hydrant shall be furnished with a stop nut to prevent over travel and compression of the main valve.
- F. Valve opening shall be at least 5¼" diameter and be designed so that removal of all working parts can be accomplished without excavating.
- G. Each hydrant shall have one or more drain holes to drain the barrel. Construction shall be such that the drain holes will be closed when the main valve is open and open when the main valve is closed.
- H. The direction of the opening shall be to the left and markings shall be cast on the head thereof to so indicate.
- I. Hydrant shall have one 4-1/2" steamer nozzle and two 2-1/2" hose nozzles. Nozzle threads shall conform to the pattern and type currently used by the Owner. Operating nuts and nozzle lugs shall conform to the size and pattern currently used by the Owner. The Contractor shall be responsible for verifying sizes, types and patterns prior to ordering material. Permanent chains connected to the nozzle caps shall be provided.
- J. Hydrants shall be furnished with External surfaces above grade factory coated with catalyzed two-part epoxy primer and red polyurethane top coating. Interior coating shall conform to AWWA C550 (latest revision) Standard for Protective Epoxy Interior Coatings for Valves and Hydrants.

**Plan Sheet 148**

The Traffic Control Table shall be deleted and replaced with the following:

<b>Traffic Control Signs Sheet 149</b>				
<b>Sign Number</b>	<b>Sign Size</b>	<b>Description</b>	<b>Amount Reqd.</b>	<b>Sq ft.</b>
W20-1	48" x 48"	Road Work Ahead	4	64
R11-2	48" x 30"	Road Closed	21	210
R11-4	60" x 30"	Road Closed To Thru Traffic	10	125
			Total Sq ft	399
		Type III Barricades	67	

**Plan Sheet 150**

The Traffic Control Table shall be deleted and replaced with the following:

<b>Traffic Control Signs Sheet 151</b>				
<b>Sign Number</b>	<b>Sign Size</b>	<b>Description</b>	<b>Amount Reqd.</b>	<b>Sq ft.</b>
W20-1	48" x 48"	Road Work Ahead	3	48
R11-2	48" x 30"	Road Closed	1	10
W9-3	48" x 48"	Center Lane Closed Ahead	1	16
W1-4L	30" x 30"	Left Reverse Curve (with Sharp Turn Symbol)	1	6.5
W1-4R	30" x 30"	Right Reverse Curve (with Sharp Turn Symbol)	1	6.5
R2-1-15	12" x 18"	15 Speed Limit Sign	2	3
R3-2	24" x 24"	No Left Turn Symbol	2	8
			Total Sq ft	98
		Type III Barricades	5	
		Reflectorized Drum	14	
		Channelizing Device	45	

**Plan Sheet 152**

The Traffic Control Table shall be deleted and replaced with the following:

<b>Traffic Control Signs Sheet 153</b>				
<b>Sign Number</b>	<b>Sign Size</b>	<b>Description</b>	<b>Amount Reqd.</b>	<b>Sq ft.</b>
M4-8	24" x 12"	Detour	8	16
M3-1	24" x 12"	North	3	6
M3-3	24" x 12"	South	5	10
M4-9L	24" x 30"	Detour Left	3	15
M4-9R	24" x 30"	Detour Right	3	15
M4-8a	12" x 18"	End Detour	2	6
M1-5	24" x 24"	State Route	14	56
W16-2	24" x 18"	Distance	2	3
W3-5a	24" x 30"	Reduce Speed Ahead	1	5
R2-1	24" x 30"	Speed Limit	2	10
M9-9	24" x 12"	Sidewalk Closed	2	4
R11-2	48" x 30"	Road Closed	5	50
R11-4	60" x 30"	Road Closed To Thru Traffic	4	50
W20-2	48" x 48"	Detour 1000 Ft	1	16
			Total Sq ft	262
		Type III Barricades	19	

All other items of the plans and specifications remain unchanged.



*Camden A. Hofer*  
Camden A. Hofer, Project Engineer  
Schmucker, Paul, Nohr & Associates

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The undersigned hereby acknowledges receipt of Addendum Number 1 to the plans and specifications for the *MILLER PHASE 2 UTILITY IMPROVEMENTS*.

FIRM NAME \_\_\_\_\_  
BY \_\_\_\_\_  
TITLE \_\_\_\_\_  
DATE \_\_\_\_\_

ATTACH THIS SIGNED ADDENDUM NO. 1 TO THE BID FORM WHEN SUBMITTING.

**BID SCHEDULE A: Surfacing and Miscellaneous, Cont.**

Item	Description	Quantity	UNIT PRICE	TOTAL PRICE
135	5" Asphalt Paving	24 TN	\$	\$
136	3.5" Asphalt Paving	450 TN	\$	\$
137	3" Asphalt Paving	712 TN	\$	\$
138	2" Asphalt Paving	3,978 TN	\$	\$
139	1.5" Asphalt Overlay	423 TN	\$	\$
140	Separate Mobilizations for Asphalt Surfacing	5 EA	\$	\$
141	Traffic Control Signs	759 SF	\$	\$
142	Type III Barricades	91 EA	\$	\$
143	Reflectorized Drums	14 EA	\$	\$
144	Channelizing Devices	45 EA	\$	\$
145	Traffic Control, Miscellaneous	1 LS	\$	\$
146	Water Used for Construction Purposes	700 kGa	\$	\$
147	Deduction for City Billing of Water	700 kGa	\$ -3.00	\$ (2,100.00)
148	4" White Pavement Marking Paint	1,940 LF	\$	\$
149	4" Yellow Pavement Marking Paint	3,426 LF	\$	\$
150	24" White Cold Applied Plastic Pavement Markings	220 LF	\$	\$
151	Painted Handicapped Marking	1 EA	\$	\$
152	Inlet Protection	44 EA	\$	\$
153	Miscellaneous Erosion Control	1 LS	\$	\$
154	Seeding	14,546 SY	\$	\$
<b>Total for Bid Schedule A: Surfacing and Misc.</b>			\$	\$
<b>Total for Bid Schedule A</b>			\$	\$