

Addendum #1 - Reissued

Project: Milbank Well House #3 Replacement - 2016
Bid Date: 11:00 A.M., Local Time, November 2, 2016
Bid Location: City Administrator; 1001 4th Avenue, Suite 301, Milbank, SD
Issue Date: October 31, 2016

Notice: Failure to acknowledge all addenda in the BID may cause rejection of the BID. See Instructions to Bidders.

SCOPE OF THIS ADDENDUM:

The following becomes a part of the original project manual and drawings, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgment of the Addendum on his/her bid form, incorporating its provision in his/her bid.

PROJECT MANUAL:

The following additions, changes and clarifications have been made to the Project Manual.

Section 00410 Bid Form

***Delete:** Paragraph 7.01 C. on page 00410 -4 in its entirety.*

***Add:** Attached Document SUB -1 – List of Subcontractors and Suppliers shall be added to the project manual.*

Section 331000 Water Utilities

***Add:** Attached Specification 331000 Water Utilities shall be added to the project manual.*

Section 332100 Submersible Well Pump

***Add:** The following Paragraph 2.1 B. 9. on page 33 2100-3*

9. *PITLESS ADAPTER UNIT AND DROP TUBE*
 - a. *The pitless adapter unit shall be of the size as shown on Drawings and of the positive self-sealing industrial heavy duty type. It shall have the capability for a minimum full diameter thru-seal area for well maintenance purposes.*

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b. Positive pressure "0" ring seals shall be used throughout both for internal well sealing and external surface water sealing. Positive threaded well vent, cable entrance, and extra openings shall be provided and capped. A mechanical joint discharge connection one foot from the end of the pitless unit shall be provided. A 1-inch drop tube attached to port in cover of the pitless unit shall be provided for drawdown measuring. Drop tube shall be polyethylene 160 psi tested pipe.

c. The pitless adapter unit shall be a Baker Monitor Division or prior approved equal.

Pitless Adapter O.D.	12"
Discharge Size	6"
Column Pipe Size	6"

Section 400000 Process Integration

Delete: The following Paragraph 2.3 B 1. on page 40 0000-12

1. Siemens/ Quality Flow Systems, Inc.
Contact: Pat Malay – (952) 758-9445

Add:

1. Sweeny Controls Company
Jim Olson - Phone – (701) 232-3644

Section 409100 Primary Process Measurement Devices

Add: The following Paragraph 2.1 F on page 40 9100-4

F. Pressure Gauge: Liquid-filled pressure gauges. Gauge to be readable from an accessible standing position.

1. General Materials Requirements: General requirements for pressure gauge are as follows:

Materials	Bourdon tube, socket, connecting tube: 316 stainless steel Case: Phenolic Diaphragm seal housing: 316 stainless steel Filter disc: 316 stainless steel Housing: 316 stainless steel
Accuracy	1% of full range
Accessories	Provide diaphragm for fluid separation and provide appropriate pulsation dampening to extend gauge life.

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- Enclosure Suitable for service at 250 Deg F or maximum process temperature at which gauge is exposed.
2. Approved Manufacturers: Pressure gauge shall be manufactured by Ashcroft, Ametek, Siemens, or Engineer approved equal.

Section 446013 Process Piping and Valves

Add: The following Paragraph 2.3 D on page 44 6013-3

2.3 VALVES

D. Butterfly Valves (3" to 20")

1. General: All butterfly valves shall be of the tight-closing, rubber-seat type with rubber seats that are securely fastened to the valve body. No metal-to-metal seating surfaces shall be permitted. Valves shall be bubble-tight at rated pressures with flow in either direction and shall be satisfactory for applications involving throttling service and/or frequent operation and for applications involving valve operation after long periods of inactivity. Valve discs shall rotate 90° from the full open position to the tight shut position. Valves 20" and smaller shall meet the full requirements of AWWA Standard C504 for Class 150B. The manufacturer shall have manufactured tight-closing, rubber-seat butterfly valves for a period of at least five (5) years. All valves shall be as manufactured by the Henry Pratt Company, DeZurik, or Engineer approved equal.
2. Valve Bodies and Flanges: Valve bodies shall be constructed of cast iron ASTM A-126 Class B (for flanged end valves). Flange drilling shall be in accordance with ANSI B16.1 Standard for cast iron flanges. Two trunnions for shaft bearings shall be integral with each valve body. Body thickness shall be in strict accordance with AWWA Standard C504.
3. Valve Discs: Valve discs shall be constructed of cast iron with Ni-Chrome edge.
4. Valve Shafts: Shafts of all valves shall be turned, ground and polished. Valve shafts shall be constructed of 18-8 Type 304 or Type 316 stainless steel. Shaft diameters must meet minimum requirements established by AWWA Standard C504 for Class 150B.
5. Valve Seats: Valve seats shall be of a synthetic compound. Valves shall have seats that are simultaneously molded in, vulcanized, and bonded to the body. Seat bond must withstand 75 lbs. pull under test procedure ASTM D-429, Method B.
6. Valve Bearings: Valves shall be fitted with sleeve-type bearings. Bearings shall be corrosion resistant and self-lubricating. Bearing load shall not exceed 1/5 of the compressive strength of the bearing or shaft material.
7. Valve Packing: Packing shall be self-adjusting Chevron type.

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8. Valve Operators: Valve operators shall conform to AWWA C504. Valves shall be provided with operators as called for on the valve and piping schedule shown on the Plans.
9. Painting: All surfaces of the valve shall be clean, dry, and free from grease before painting. The valve surfaces except for disc, seating, and finished portions shall be evenly coated with a suitable primer to inhibit rust or with asphalt varnish in accordance with Federal Specification TT-V-51c and AWWA Standard C504.
10. Testing: Hydrostatic and seat leakage tests shall be conducted in strict accordance with AWWA Standard C504.

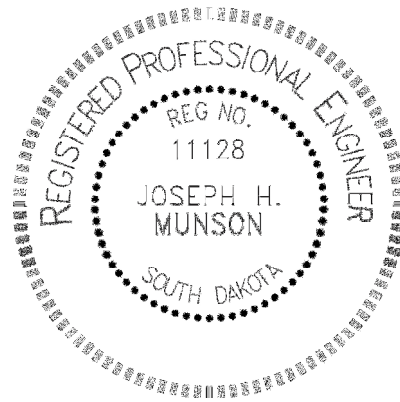
NOTE:

The Plan Holders List and addendums are available via the internet at <http://www.bannerassociates.com> by clicking on the Project Information link.

Project Manual and Drawing inquiries regarding the work should be directed to:

Contact Persons:

Joseph Munson
Banner Associates Inc.
2307 W. 57th Street, Suite 102
Sioux Falls, SD 57108
1-855-323-6342



Joseph Munson

ATTACHMENTS

Sub-1
Section 331000 Water Utilities