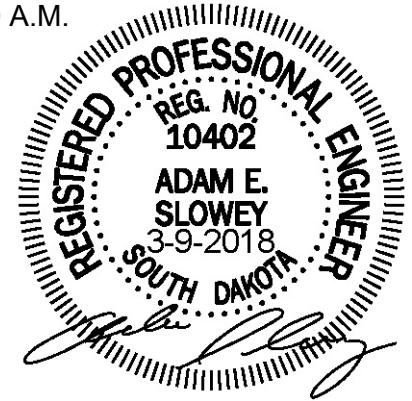


**WEST CENTER STREET RECONSTRUCTION PROJECT  
(Highland Avenue to Blanche Avenue)  
City of Madison, South Dakota  
Bid No. 871**

CONTRACTOR'S BID DATE: Wednesday, March 14, 2018, 10:00 A.M.  
Bids Opened/Read at 10:15 A.M.

PLACE FOR CONTRACTOR'S TO SUBMIT BIDS: Office of the Finance Officer  
Municipal Building, First Floor  
116 W. Center Street  
Madison, SD 57042

**ADDENDUM NO. 1**  
March 9, 2018



TO ALL PLANHOLDERS:

The following changes, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein:

**SHEET B-1**

In the **ESTIMATE OF QUANTITIES**, add the following items, units, and quantities. **Please use the revised bid form included in this addendum for bid submittals.**

DESCRIPTION	UNITS	TOTAL QUANTITY
Clear and Grub Tree	Each	6

In the **ESTIMATE OF QUANTITIES**, remove Line Item 7, **Contractor Furnished Testing**, and replace with the following items, units, and quantities. **Please use the revised bid form included in this addendum for bid submittals.**

DESCRIPTION	UNITS	TOTAL QUANTITY
Backfill Density Test Set - SD 105 (sand cone)	Each	12
Backfill Density Test Set - SD 114 (nuclear)	Each	63
Subgrade Density Test Set - SD 114 (nuclear)	Each	9
Granular Density Test Set - SD 114 (nuclear)	Each	9
Asphalt Density Test Set	Each	4

In the **ESTIMATE OF QUANTITIES**, remove Line Item 56, **Controlled Density Fill (K-Crete)**, and replace with the following items, units, and quantities. **Please use the revised bid form included in this addendum for bid submittals.**

DESCRIPTION	UNITS	TOTAL QUANTITY
Cellular Grout	CuYd	189

In the **ESTIMATE OF QUANTITIES**, in the description of Line Item 140, **Manhole Frame and Cover (R-1710-B, R-1733)**, remove reference to the **R-1710-B** Frame and Grate. This frame and grate will not be allowed on the project.

**SHEET D-1**

In the **SPECIFICATIONS TO BE USED** note, replace all note contents with the following:

The most current edition of the City of Madison’s General Conditions and Specifications, together with the most current edition of the South Dakota Department of Transportation Standard Specifications for Roads and Bridges with Supplemental Specifications and Errata, City and DOT Standard Plates and required provisions, supplemental specifications, and/or special provisions included, referenced, and/or amended in the drawings and Project Manual are hereby made a part of the Contract Documents.

The City of Madison Engineer’s Office will provide a copy of the City of Madison’s Standard Specifications free of charge to all prospective bidders upon request. The Standard Specifications can also be downloaded from the City of Madison’s website at address <https://cityofmadisonsd.com/> under Departments>Engineering>Specifications. The South Dakota Department of Transportation Standard Specifications for Roads and Bridges with Supplemental Specifications and Errata can be downloaded from the SDDOT’s website at <http://www.sddot.com/>.

## **SHEET D-2**

Remove the **ACCEPTANCE TESTING** note and replace with the following note:

### **CONTRACTOR FURNISHED MATERIALS TESTING**

All materials testing and certifications shall be provided by the Contractor.

The Contractor shall utilize an Independent Testing Laboratory (ITL) with licensed professional engineers on staff for items outlined in specifications. A written testing plan shall be provided at or before the preconstruction meeting and shall be approved by Engineer before commencing work. The ITL portion of the plan, showing testing frequencies and preliminary recommended testing locations, shall be developed by ITL.

The Contractor shall take all efforts necessary as required by Engineer to expose work to accomplish testing at no cost to City. The Engineer reserves the right to reduce testing frequency at any time for any reason without additional costs to City.

The Contractor shall provide initial immediate preliminary test results, if possible per testing procedure, to Engineer. Final written complete results, certified by a licensed engineer, shall be filed with Engineer within one (1) day of field test on appropriate/required forms with applicable corrections/correlations included. Should written test results filed show failing tests, Contractor shall include with test result filing a written plan of rectification for Engineers review and approval. Delays in submittals shall not be cause for acceptance of items represented by failed tests and Contractor shall anticipate rectification requirements at no cost to City.

The City reserves the right to require work or material that does not meet specifications, whether subject to acceptance testing or not, to be removed and replaced. The City also reserves the right to assess a price deduction in lieu of removal and replacement at the City's sole discretion. The method of assessing a price deduction for work not meeting specifications shall be at the sole discretion of the City.

For Contractor furnished materials such as gravel cushion, aggregates for PC Concrete, cement, fly ash, pipe, and the like, the Contractor shall provide test results or other verifications that the materials provided comply with the Specifications as requested by the Engineer. Payment for testing or verification of Contractor furnished materials shall be incidental to other items.

## **SHEET D-3**

Under the **REMOVALS** note heading, insert the following note:

### **DISPOSAL OF SEPTAGE**

Prior to the removal of the existing sanitary sewer piping and manholes specified in the plans, any remaining septage shall be disposed of in accordance with 40 C.F.R. Part 503. Following approval from the Engineer, any remaining septage may be pumped/discharged into approved portions of the sanitary sewer system that are to remain in place during the project.

Remove the **CONTROLLED DENSITY FILL FOR PIPE** note and replace with the following note:

**CELLULAR GROUT FOR STORM SEWER ABANDONMENT**

The Contractor shall abandon existing storm sewer pipes as specified in the plan sheets. Where filling of the pipe prior to abandonment is specified, the filling of the storm sewer pipes shall be accomplished by installing cement based grout into the voids of the existing storm sewer pipes with sufficient pressure to completely fill the pipe as well as all breaks or holes in and around the pipe. The grouting method utilized shall provide for the release for air in the pipe being abandoned. The grouting material used shall have flow characteristics appropriate for filling all voids within and around the existing pipe for the entire pipe length. The grout mix design, method of installation, and installer shall be approved by the Engineer prior to installation and abandonment of the existing storm sewer pipe.

The grout material used shall be either Class II Elastizell Engineered Fill, Cellular Concrete, or approved equal. The grout material used shall have a minimum wet density of 25 pounds per cubic foot with a minimum 28 day compressive strength of 30 pounds per square inch and a minimum 56 day compressive strength of 40 pounds per square inch.

The quantity of grout material was estimates based on the volume of the existing pipe, and an additional 5% was added for the void volume outside the existing pipe. All costs associated with furnishing and installing the grout material, including all equipment, labor and incidentals necessary to satisfactorily complete the work shall be included in the contract unit price per Cubic Yard for "Cellular Grout".

Plan quantity will be the basis for payment unless otherwise ordered by the Engineer.

**SHEET D-4**

In the **SCARIFY AND RECOMPACT SUBGRADE** note, add the following paragraph:

Scarification of the existing subgrade shall be performed with a disk harrow designed for construction purposes and capable of performing the scarification in accordance with the Geotechnical recommendations. The use of equipment utilizing ripper teeth will not be allowed.

**SHEET D-6**

In the **AGGREGATE BASE COURSE** note, add the following paragraph:

It is anticipated that the manufacturer's recommendation for the installation of geotextile fabric for subgrade stabilization will specify that the aggregate base course shall be installed in a single lift. In this event, the testing frequency shall be modified to one field density per 400 feet of roadway length along Center Street and the entire lift thickness shall be tested in a single test.

In the **ASPHALT CONCRETE COMPOSITE** note, add the following paragraph:

The mainline asphalt paving shall be accomplished in a manner that results in a single longitudinal joint for the width of the pavement. The longitudinal joint shall be located at the centerline of the street. The Contractor shall provide a paving plan to the Engineer for approval prior to proceeding with the paving operations.

## **SHEET I-2**

For sanitary sewer main installation proposed from **STA. 5+93.57 – 4.60' LT to STA. 9+48.85 – 8.39' LT**, remove the quantity **10" x 355 LF PVC SANITARY MAIN** and replace with the quantity **8" x 355 LF PVC SANITARY MAIN**. Plan quantities shall be revised accordingly. **Please use the revised bid form included in this addendum for bid submittals.**

For sanitary sewer main installation proposed from **STA. 9+52.85 – 8.43' LT to STA. 13+21.67 – 11.88' LT**, remove the quantity **12" x 369 LF PVC SANITARY MAIN** and replace with the quantity **10" x 369 LF PVC SANITARY MAIN**. Plan quantities shall be revised accordingly. **Please use the revised bid form included in this addendum for bid submittals.**

## **SPECIFICATIONS**

The City of Madison's Specifications for "Gravel Materials" and "Asphalt Construction" referenced in the plan notes are available for download from the City of Madison's website at address <https://cityofmadisonsd.com/> under Departments>Engineering>Specifications. These Specifications shall become part of the Contract Documents.

## **BID FORM**

The Bid Form has been revised to reflect the changes to the project that have been outlined in this Addendum. The revised Bid Form is included in this Addendum and shall be used for bid submittals. Bidders may utilize the electronic version of the revised Bid Form attached to this Addendum for the submission of bids. Information shall be typed or printed in ink, and the preparer must initial erasures and/or corrections.

All bidders shall acknowledge receipt and acceptance of ADDENDUM NO. 1 by signing the space provided on the Proposal Form.

END OF ADDENDUM NO. 1

Bid Form

Project: **West Center Street Reconstruction from Highland Ave to Blanche Ave  
Madison, South Dakota**

Bids due: 10:00 AM, Wednesday, March 14, 2018  
Office of the Finance Officer - Municipal Building  
116 W. Center Street  
Madison, South Dakota 57042

The undersigned, being familiar with all the details, conditions, and requirements affecting the cost of the work at the place where work is to be done, hereby proposes to furnish all labor, tools, materials, and equipment necessary to fully complete the work for the City of Madison, South Dakota as advertised and in accordance with the plans, project manual, and specifications therefore provided for the following prices:

<u>Item Number</u>	<u>Item Description</u>	<u>Unit</u>	<u>Approx. Quantity</u>	<u>Unit Bid Price</u>	<u>Amount Bid</u>
<b><u>GRADING</u></b>					
1	Mobilization	LS	1	_____	_____
2	Staking at Utility Crossing	Each	7	_____	_____
3	Set Property Corner	Each	13	_____	_____
4	Grade Staking	LS	1	_____	_____
5	Miscellaneous Staking	LS	1	_____	_____
6	Two Man Survey Crew	Hour	40	_____	_____
7	Backfill Density Test Set - SD 105 (sand cone)	Each	12	_____	_____
8	Backfill Density Test Set - SD 114 (nuclear)	Each	63	_____	_____
9	Subgrade Density Test Set - SD 114 (nuclear)	Each	9	_____	_____
10	Granular Density Test Set - SD 114 (nuclear)	Each	9	_____	_____
11	Asphalt Density Test Set	Each	4	_____	_____
12	Clear and Grub Tree	Each	6	_____	_____
13	Remove Concrete Curb and Gutter	Ft	6,795	_____	_____
14	Remove Drop Inlet	Each	25	_____	_____
15	Remove Junction Box	Each	8	_____	_____
16	Remove Sewer Pipe	Ft	1,900	_____	_____
17	Remove Storm Sewer Pipe	Ft	714	_____	_____
18	Remove Asphalt Concrete Pavement	SqYd	11,320	_____	_____

19	Remove Concrete Driveway Pavement	SqYd	965		
20	Remove Concrete Sidewalk	SqYd	1,127		
21	Remove Sanitary Sewer Manhole	Each	10		
22	Remove Silt Fence	Ft	698		
23	Remove Valve Box	Each	12		
24	Remove Water Main	Ft	550		
25	Salvage Fire Hydrant	Each	4		
26	Saw Existing Asphalt	LFt	1,459		
27	Saw Existing PCC Concrete	LFt	102		
28	Unclassified Excavation	CuYd	7,720		
29	Unclassified Excavation, Grade Stabilization	CuYd	350		
30	Scarify and Recompact Subgrade	SqYd	14,765		
31	Water For Embankment	MGal	39		
32	Water For Granular Material	MGal	137		
33	Placing Topsoil	CuYd	1,636		
34	Salvage Topsoil	CuYd	1,636		
35	Incidental Work, Grading	LS	1		

**SURFACING**

36	Aggregate Base Course	Ton	11,443		
37	Asphalt Concrete Composite, PG58-28	Ton	2,285		
38	6" PCC Driveway Pavement	SqYd	920		
39	6" PCC Fillet Section	SqYd	43		
40	Concrete Curb & Gutter Type SF66	Ft	6,571		
41	Concrete Valley Gutter 6" Thick	SqYd	95		
42	4" Concrete Sidewalk	SqFt	6,034		
43	6" Concrete Sidewalk	SqFt	5,436		
44	Type B Detectable Warnings	SqFt	464		
45	Geotextile Fabric For Subgrade Stabilization	SqYd	14,765		

**STORM SEWER**

46	Select Granular Backfill (Storm Sewer)	Ton	200.00	_____	_____
47	Trench Stabilization Material (Storm Sewer)	Ton	200.00	_____	_____
48	18" RCP Class 3, Furnish	Ft	1,087	_____	_____
49	18" RCP, Install	Ft	1,087	_____	_____
50	21" RCP Class 3, Furnish	Ft	12	_____	_____
51	21" RCP, Install	Ft	12	_____	_____
52	24" RCP Class 3, Furnish	Ft	722	_____	_____
53	24" RCP, Install	Ft	722	_____	_____
54	30" RCP Class 3, Furnish	Ft	798	_____	_____
55	30" RCP, Install	Ft	798	_____	_____
56	18" RCP Arch Class 3, Furnish	Ft	33	_____	_____
57	18" RCP Arch, Install	Ft	33	_____	_____
58	15" SDR 35 PVC, Furnish	Ft	3	_____	_____
59	15" SDR 35 PVC, Install	Ft	3	_____	_____
60	Class M6 Concrete	CuYd	57.58	_____	_____
61	Cellular Grout	CuYd	189	_____	_____
62	Reinforcing Steel	Lb	4,329.14	_____	_____
63	Type B Frame and Grate Assembly (Neenah R-3067)	Each	18	_____	_____
64	Adjust Junction Box - Asphalt Streets	Each	4	_____	_____
65	Type Y Manhole Frame and Lid	Each	7	_____	_____
66	Manhole Frame and Cover (Neenah R-1772)	Each	3	_____	_____
67	Locating Utility	Each	5	_____	_____
68	Verify Utility	Each	5	_____	_____

**TRAFFIC CONTROL**

69	Traffic Control	Unit	874	_____	_____
70	Traffic Control, Miscellaneous	LS	1	_____	_____
71	Type 3 Barricade, 8' Double Sided	Each	76	_____	_____



**EROSION CONTROL**

72	Water For Vegetation	MGal	590	_____	_____
73	Special Permanent Seed Mixture 1	Lb	353	_____	_____
74	Fertilizing	Lb	203	_____	_____
75	Fiber Mulching	Ton	2.0	_____	_____
76	Silt Fence	Ft	698	_____	_____
77	Repair Silt Fence	Ft	175	_____	_____
78	Inlet Protection	Each	25	_____	_____
79	Sweeping	Hour	100	_____	_____
80	Temporary Vehicle Tracking Control	Each	9	_____	_____
81	Concrete Washout Area	Each	2	_____	_____

**WATER MAIN**

82	Select Granular Backfill (Water Main)	Ton	200.00	_____	_____
83	Trench Stabilization Material (Water Main)	Ton	200.00	_____	_____
84	6" C900 DR 18 PVC Watermain	Ft	1,866	_____	_____
85	8" C900 DR 18 PVC Watermain	Ft	2,023	_____	_____
86	10" C900 DR 18 PVC Watermain	Ft	97	_____	_____
87	6" MJ Gate Valve with Box	Each	19	_____	_____
88	8" MJ Gate Valve with Box	Each	9	_____	_____
89	10" MJ Gate Valve with Box	Each	2	_____	_____
90	Valve Box Adjustment	Each	30	_____	_____
91	6" MJ Elbow 45 Degree	Each	13	_____	_____
92	8" MJ Elbow 45 Degree	Each	4	_____	_____
93	10" MJ Elbow 45 Degree	Each	4	_____	_____
94	6" x 6" MJ Tee	Each	8	_____	_____
95	8" x 8" MJ Tee	Each	2	_____	_____
96	8" x 6" MJ Tee	Each	3	_____	_____
97	6" x 4" MJ Reducer	Each	3	_____	_____
98	8" x 4" MJ Reducer	Each	2	_____	_____

99	8" x 6" MJ Reducer	Each	4		
100	8" x 6" MJ Cross	Each	2		
101	8" x 8" MJ Cross	Each	2		
102	10" x 8" MJ Cross	Each	1		
103	6" MJ Plug	Each	1		
104	8" MJ Plug	Each	1		
105	4" MJ Cap	Each	6		
106	6" MJ Cap	Each	1		
107	4" MJ Long Sleeve	Each	5		
108	6" MJ Long Sleeve	Each	4		
109	8" MJ Long Sleeve	Each	1		
110	10" MJ Long Sleeve	Each	2		
111	6" M.J. Retainer Gland	Each	50		
112	8" M.J. Retainer Gland	Each	22		
113	10" M.J. Retainer Gland	Each	14		
114	Fire Hydrant	Each	9		
115	Temporary Fire Hydrant	Each	2		
116	Cut and Tie To Existing Watermain	Each	12		
117	Temporary Water Service	Each	4		
118	2" Corporation Stop with Tapping Saddle	Each	1		
119	2" Water Service	Ft	33		
120	2" Curb Stop with Box	Each	1		
121	1" Corporation Stop with Tapping Saddle	Each	59		
122	1" Water Service	Ft	1,831		
123	1" Curb Stop with Box	Each	53		
124	Reconnect Water Service	Each	55		

**SANITARY SEWER**

125	Select Granular Backfill (Sanitary Sewer)	Ton	300.00	_____	_____
126	Trench Stabilization Material (Sanitary Sewer)	Ton	300.00	_____	_____
127	8" Sanitary Sewer Pipe	Ft	2,209	_____	_____
128	10" Sanitary Sewer Pipe	Ft	396	_____	_____
129	12" Sanitary Sewer Pipe	Ft	51	_____	_____
130	8"X 4" Sewer Wye/Tap	Each	38	_____	_____
131	10"X 4" Sewer Wye/Tap	Each	12	_____	_____
132	8" Sewer Couplings	Each	10	_____	_____
133	10" Sewer Couplings	Each	1	_____	_____
134	12" Sewer Couplings	Each	1	_____	_____
135	4" Sewer Bends	Each	50	_____	_____
136	48" Manhole 6'-8' Deep	Each	1	_____	_____
137	48" Manhole 8'-10' Deep	Each	13	_____	_____
138	Manhole Drop Section	Each	1	_____	_____
139	Reconnect Sewer Service	Each	44	_____	_____
140	4" Sanitary Sewer Service	Ft	1,731	_____	_____
141	Adjust Manhole - Asphalt Streets	Each	14	_____	_____
142	Trench Dewatering	LS	1	_____	_____
143	Sanitary Sewer Temporary Bypass	LS	1	_____	_____
144	Manhole Frame and Cover (R-1733)	Each	14	_____	_____
145	Sanitary Sewer Main Tracer Wire Terminal Box	Each	64	_____	_____
146	Manhole Exfiltration/Vacuum Test	Each	14	_____	_____
147	Sanitary Sewer Exfiltration Testing	Ft	2,244	_____	_____
148	PVC Sewer Pipe Deflection Test	Ft	2,244	_____	_____
149	Locating Utility	Each	4	_____	_____
150	Verify Utility	Each	4	_____	_____

**Total Base Bid:** \_\_\_\_\_

If there is a discrepancy between unit prices and extensions, the unit bid price shall govern. This request will be evaluated and a contract award made to the lowest bid from a responsive and responsible bidder deemed to be in the best interest of the Owner.

It is understood and agreed that the quantities of material to be furnished and work to be done may be varied on construction as may be deemed advisable by the Owner. It is further understood and agreed that the Owner may, at its option, delete items from the contract.

The foregoing proposal includes all applicable state and municipal use taxes and all other State and Federal taxes that would affect the amount of the proposal. Realty Improvement Contractor's Excise Tax shall be included in applicable.

The cost of Performance Bond and Labor/Material Payment Bond, each in the amount equal to 100% of the total contract amount is included in this proposal.

The bidder hereby agrees to commence work under this project and complete all work in accordance with the plans, project manual, and specifications. **The overall completion date for this project is October 12, 2018. Bidder further agrees to pay as liquidated damages \$1500.00 for each working day thereafter that the work remains uncompleted.**

The undersigned hereby acknowledges receipt of the following Addenda to the Drawings and/or Project manual.

ADDENDUM NO. \_\_\_\_\_

DATED: \_\_\_\_\_

The undersigned submits herewith the bid security required by the Contract Documents.

It is understood that the right is reserved by the City of Madison to reject any and all bid or parts thereof, and to waive any irregularities and it is agreed that this bid may not be withdrawn during the period of days provided in the contract documents.

BIDDER \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

BUSINESS ADDRESS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PHONE \_\_\_\_\_