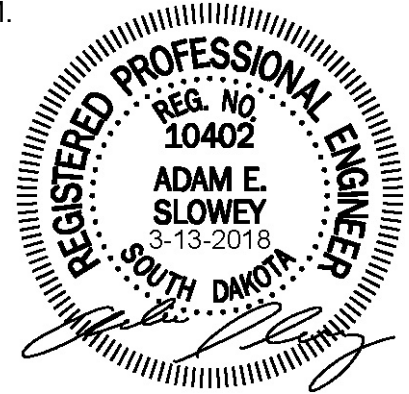


**WEST CENTER STREET RECONSTRUCTION PROJECT
(Highland Avenue to Blanche Avenue)
City of Madison, South Dakota
Bid No. 871**

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. 2
March 13, 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
Water Main Tracer Wire Terminal Box	Each	54
Manhole Construction Plate Marker	Each	14
6" Sanitary Sewer Service	Ft	30

In the **ESTIMATE OF QUANTITIES**, remove items, units, and quantities for **6" M.J. Retainer Gland**, **8" M.J. Retainer Gland**, and **10" M.J. Retainer Gland**, 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
6" M.J. Restraining Device	Each	109
8" M.J. Restraining Device	Each	57
10" M.J. Restraining Device	Each	14

In the **ESTIMATE OF QUANTITIES**, remove items, units, and quantities for **Sanitary Sewer Exfiltration 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
Sanitary Sewer Television Inspection	Ft	2244

SHEET D-4

Under the **SANITARY SEWER** note heading, insert the following note:

TRENCH STABILIZATION MATERIAL AND SELECT GRANULAR BACKFILL FOR SANITARY SEWER

Trench Stabilization Material used for sanitary sewer applications shall be a ¾ inch to 4 inches crushed angular, well graded material. Select Granular Backfill used for sanitary sewer applications shall be a well graded subbase material in accordance with the SDDOT Standard Specifications for Roads and Bridges. Sand may be used as Select Granular Backfill material if approved by the Engineer.

SHEET D-5

Under the **STORM SEWER** note heading, insert the following note:

TRENCH STABILIZATION MATERIAL AND SELECT GRANULAR BACKFILL FOR STORM SEWER

Trench Stabilization Material used for storm sewer applications shall be a ¾ inch to 4 inches crushed angular, well graded material. Select Granular Backfill used for storm sewer applications shall be a well graded subbase material in accordance with the SDDOT Standard Specifications for Roads and Bridges.

SHEET D-5

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

TRENCH STABILIZATION MATERIAL AND SELECT GRANULAR BACKFILL FOR WATER MAIN

Where groundwater in the bedding material is present and produces an unacceptable increase in the moisture content of the first lift of backfill material or otherwise negatively impacts compaction, as determined by the Engineer, the Contractor shall utilize pea rock for bedding to be paid for as Select Granular Backfill. If it is determined by the Engineer that trench stabilization is required, the Trench Stabilization Material used for shall be a ¾ inch to 4 inches crushed angular, well graded material as specified in the City of Madison’s Specifications for Water Main Construction.

SHEET D-6

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

COLD MILLING ASPHALT CONCRETE FOR OVERLAY

In order to construct the new asphalt overlay surfacing flush with the existing asphalt surfacing, it will be necessary to mill portions of the existing surfacing to depths equal to the depth of the overlay. The milling depth shall be tapered from overlay depth at the overlay tie-in to a zero depth location as determined by the Engineer during construction. Milled material shall become the property of the Contractor for disposal.

Cost for the asphalt concrete cold milling shall be incidental to the contract unit price Ton for Asphalt Concrete Composite.

SHEET F-1

In the **SEQUENCE OF OPERATIONS** note, under **Special Condition 4**, add the following sentence:

The Contractor shall be limited to a maximum closure duration of 2 weeks while the described work is being performed at North West Avenue and Northwest First Street.

SHEET I-1

For the tie-in of the proposed 6" PVC water main to the existing 6" CIP water main at the intersection of Highland Avenue and West Center Street, the north leg of the proposed tie-in shall extend north to a location beyond the existing 4" CIP water main along the north side of West Center Street. The proposed geometry outlined above will be included in a "FOR CONSTRUCTION" plan set, and the quantities for the associated items/work have been revised. **Please use the revised bid form included in this addendum for bid submittals.**

In the existing manhole that is to be replaced by Proposed Manhole No. 1, there are currently 2 – 4" sanitary service lines (from the northwest) and 1 – 6" sanitary service line (from the west) connected directly to the existing manhole. To address this, the location of Proposed Manhole No. 1 shall be shifted west 8 feet, allowing room for the connection of the 2 – 4" sanitary services to the proposed 8" sanitary main. The 6" sanitary service will be connected directly to Proposed Manhole No. 1, and the connection shall include an additional Manhole Drop Section. The proposed geometry outlined above will be included in a "FOR CONSTRUCTION" plan set, and the quantities for the associated items/work have been revised. **Please use the revised bid form included in this addendum for bid submittals.**

SHEET I-1 TO SHEET I-7

For the installation of water main and appurtenances, the use of rods as restraining devices will not be allowed on the project. The appropriate size and quantity of Restraining Devices shall be used in their place, and quantities for the Restraining Devices have been revised accordingly. **Please use the revised bid form included in this addendum for bid submittals.**

In Section **WM-6 FIRE HYDRANTS** of the **SPECIFICATIONS FOR WATER MAIN CONSTRUCTION**, replace the first paragraph with the following paragraph:

Fire hydrants shall be 6" MJ Waterous Pacer WB-67 with traffic flanges or an approved equal that conform to AWWA specifications and be designed for 150 psi working pressure. There shall be required 7 feet of cover on the hydrant leg and the bottom of the traffic flange shall be 2 to 4 inches above ground level. The Contractor shall take necessary measures at all hydrant installation locations to confirm proper traffic flange elevations and where circumstances do not allow for traffic flange to be installed 2 to 4 inches above ground level, the Contractor shall immediately advise the Engineer and take necessary measures at no cost to the City, such as installing a hydrant with a shorter or longer hydrant leg or installing a hydrant extension, to install at aforementioned orientation to ground level. The fire hydrant shall be painted red; have valve opening shall be at least 5-inch diameter; shall be equipped with a break off traffic flange; and have two (2) – 2-1/2" nozzles NST and one – 4" pumper nozzle NST.

On sheet **WM-11** of the **SPECIFICATIONS FOR WATER MAIN CONSTRUCTION**, replace the second paragraph (regarding optimum moisture content) with the following paragraph:

Optimum moisture content determinations for in-place material shall be the content determined in SD 105 and all backfill material shall be compacted at a moisture content of no more than two percentage (2%) points above or less than four percentage (4%) points below the optimum moisture content. Copies of all tests shall be on forms specified in SD 105 and shall be promptly provided to the Engineer. Excess moisture shall be removed by drying operations.

In Section **S-17 COMPACTION OF BACKFILL** of the **SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION**, replace all contents with the following:

The Contractor shall utilize an independent testing agency to inspect and test each subgrade and each fill or backfill layer as directed by the Engineer. For contract projects with city only, this shall only be required and paid for if specific bid items are included as part of contract. The Contractor shall not proceed until test results for previously completed work verify compliance with requirements.

Backfill shall be mechanically compacted by means of tamping rollers, sheepsfoot roller, pneumatic tire rollers, vibrating rollers, or other mechanical tampers. All such equipment shall be of a size and type approved by the Engineer.

Permission to use specific compaction equipment shall not be construed as guaranteeing or implying that the use of such equipment will not result in damage to adjacent ground, existing improvements or improvements installed under the contract. The Contractor shall make his own determination in this regard.

Mechanically compacted backfill shall be placed in horizontal layers of thickness (not exceeding those specified below) compatible to the material being placed and the type of equipment being used. Each layer shall be evenly spread, moistened (or dried, if necessary), and then tamped or rolled until the specified relative compaction has been attained.

Compaction adjacent to all manholes, catch basins, valve boxes, curb boxes, end of services and similar structures shall be performed by the use of hand-directed mechanical tampers with lifts not exceeding that specified above.

Materials, prior to incorporation in the work, must be inspected, tested, and approved for use by the Engineer. In lieu thereof, the Engineer may permit or require the Contractor to furnish certification for certain materials. Work in which unapproved materials are used shall be performed at the Contractor's risk and are subject to inspection, test, or rejection. Copies of tests will be furnished to the Contractor's representative when requested.

Samples taken and tests made will be in accordance with the most recent standard or tentative standard methods of AASHTO, ASTM, and the "South Dakota Department of Transportation, Materials Manual-Sampling and Testing Procedures," which are current on the date of advertisement for bids. All references herein shall be referenced to the Material Manual test number – for example SD 105 – and all tests referenced in any particular test number shall be considered required and part of the named test for payment and all other purposes.

If a discrepancy exists, the order of precedence is as follows:

- (1) Notes included herein below
- (2) Department's Materials Manual
- (3) AASHTO
- (4) ASTM

Backfill in and across parking lots, driveways and roadway areas to include road shoulder areas shall be placed in lifts not to exceed eight-inches (8") in loose depth and shall uniformly compacted to a minimum of 95% maximum dry density as defined by SD 105 before successive lifts are placed. Backfill in ditches, easement areas, areas behind curb lines (boulevard areas) shall be placed in lifts not to exceed twelve-inches (12") in loose depth and shall be uniformly compacted to a minimum of 90% maximum dry density as defined by SD 105 before successive lifts are placed.

Optimum moisture content determinations for in-place material shall be the content determined in SD 105 and all backfill material shall be compacted at a moisture content of no more than two percentage (2%) points above or less than four percentage (4%) points below the optimum moisture content. Copies of all tests shall be on forms specified in SD 105 and shall be promptly provided to the Engineer. Excess moisture shall be removed by drying operations.

Compaction and density test locations shall be randomly selected by the Engineer at an estimated rate of one test per 400 lineal feet of trench length per each two feet of fill bounded by the top of pipe and the top of the subgrade. If failing tests are experienced the Engineer reserves the right to require additional tests at the Contractor's expense to assure that satisfactory results are obtained. If any of the compaction and density tests indicate that the material has not been compacted to the required density, the Contractor shall recompact the material at no additional cost to the Owner. The Engineer shall have the right to require additional compaction tests to insure that the recompacted material is compacted to the required density.

The independent testing agency shall perform the above referenced field in-place density and moisture tests. Field in-place density tests may also be performed by the nuclear method according to SD 114, provided the correction determination is accomplished and documented as outlined in SD 114 and prior written approval is provided by the Engineer.

A schedule of density tests shall be submitted to the Engineer for approval. This test frequency may be reduced at the discretion of the Engineer. Reduction in or increase in the number of tests shall not be cause for adjustment in unit prices for testing.

Lack of strict adherence to this section may result in withholding of payment, including but not limited to, the cost of testing but may also cause for further reduction in payment due to Contractor as determined by the Engineer.

In Section **S-14 COMPACTION OF BACKFILL** of the **SPECIFICATIONS FOR STORM SEWER CONSTRUCTION**, replace all contents with the following:

The Contractor shall utilize an independent testing agency to inspect and test each subgrade and each fill or backfill layer as directed by the Engineer. For contract projects with city only, this shall only be required and paid for if specific bid items are included as part of contract. The Contractor shall not proceed until test results for previously completed work verify compliance with requirements.

Backfill shall be mechanically compacted by means of tamping rollers, sheepsfoot roller, pneumatic tire rollers, vibrating rollers, or other mechanical tampers. All such equipment shall be of a size and type approved by the Engineer.

Permission to use specific compaction equipment shall not be construed as guaranteeing or implying that the use of such equipment will not result in damage to adjacent ground, existing improvements or improvements installed under the contract. The Contractor shall make his own determination in this regard.

Mechanically compacted backfill shall be placed in horizontal layers of thickness (not exceeding those specified below) compatible to the material being placed and the type of equipment being used. Each layer shall be evenly spread, moistened (or dried, if necessary), and then tamped or rolled until the specified relative compaction has been attained.

Compaction adjacent to all manholes, catch basins, valve boxes, curb boxes, end of services and similar structures shall be performed by the use of hand-directed mechanical tampers with lifts not exceeding that specified above.

Materials, prior to incorporation in the work, must be inspected, tested, and approved for use by the Engineer. In lieu thereof, the Engineer may permit or require the Contractor to furnish certification for certain materials. Work in which unapproved materials are used shall be performed at the Contractor's risk and are subject to inspection, test, or rejection. Copies of tests will be furnished to the Contractor's representative when requested.

Samples taken and tests made will be in accordance with the most recent standard or tentative standard methods of AASHTO, ASTM, and the "South Dakota Department of Transportation, Materials Manual-Sampling and Testing Procedures," which are current on the date of advertisement for bids. All references herein shall be referenced to the Material Manual test number – for example SD 105 – and all tests referenced in any particular test number shall be considered required and part of the named test for payment and all other purposes.

If a discrepancy exists, the order of precedence is as follows:

- (1) Notes included herein below
- (2) Department's Materials Manual
- (3) AASHTO
- (4) ASTM

Engineers • Surveyors

FOR BIDDING PURPOSES ONLY

Backfill in and across parking lots, driveways and roadway areas to include road shoulder areas shall be placed in lifts not to exceed eight-inches (8") in loose depth and shall uniformly compacted to a minimum of 95% maximum dry density as defined by SD 105 before successive lifts are placed. Backfill in ditches, easement areas, areas behind curb lines (boulevard areas) shall be placed in lifts not to exceed twelve-inches (12") in loose depth and shall be uniformly compacted to a minimum of 90% maximum dry density as defined by SD 105 before successive lifts are placed.

Optimum moisture content determinations for in-place material shall be the content determined in SD 105 and all backfill material shall be compacted at a moisture content of no more than two percentage (2%) points above or less than four percentage (4%) points below the optimum moisture content. Copies of all tests shall be on forms specified in SD 105 and shall be promptly provided to the Engineer. Excess moisture shall be removed by drying operations.

Compaction and density test locations shall be randomly selected by the Engineer at an estimated rate of one test per 400 lineal feet of trench length per each two feet of fill bounded by the top of pipe and the top of the subgrade. If failing tests are experienced the Engineer reserves the right to require additional tests at the Contractor's expense to assure that satisfactory results are obtained. If any of the compaction and density tests indicate that the material has not been compacted to the required density, the Contractor shall recompact the material at no additional cost to the Owner. The Engineer shall have the right to require additional compaction tests to insure that the recompacted material is compacted to the required density.

The independent testing agency shall perform the above referenced field in-place density and moisture tests. Field in-place density tests may also be performed by the nuclear method according to SD 114, provided the correction determination is accomplished and documented as outlined in SD 114 and prior written approval is provided by the Engineer.

A schedule of density tests shall be submitted to the Engineer for approval. This test frequency may be reduced at the discretion of the Engineer. Reduction in or increase in the number of tests shall not be cause for adjustment in unit prices for testing.

Lack of strict adherence to this section may result in withholding of payment, including but not limited to, the cost of testing but may also cause for further reduction in payment due to Contractor as determined by the Engineer.

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. 2 by signing the space provided on the Proposal Form.

END OF ADDENDUM NO. 2

Engineers • Surveyors

FOR BIDDING PURPOSES ONLY

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>
<u>GRADING</u>					
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	1,892	_____	_____
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. Restraining Device	Each	109	_____	_____
112	8" M.J. Restraining Device	Each	57	_____	_____
113	10" M.J. Restraining Device	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	Water Main Tracer Wire Terminal Box	Each	54	_____	_____
119	2" Corporation Stop with Tapping Saddle	Each	1	_____	_____
120	2" Water Service	Ft	33	_____	_____
121	2" Curb Stop with Box	Each	1	_____	_____
122	1" Corporation Stop with Tapping Saddle	Each	59	_____	_____
123	1" Water Service	Ft	1,831	_____	_____
124	1" Curb Stop with Box	Each	53	_____	_____
125	Reconnect Water Service	Each	55	_____	_____

SANITARY SEWER

126	Select Granular Backfill (Sanitary Sewer)	Ton	300.00	_____	_____
127	Trench Stabilization Material (Sanitary Sewer)	Ton	300.00	_____	_____
128	8" Sanitary Sewer Pipe	Ft	2,217	_____	_____
129	10" Sanitary Sewer Pipe	Ft	396	_____	_____
130	12" Sanitary Sewer Pipe	Ft	51	_____	_____
131	8"X 4" Sewer Wye/Tap	Each	40	_____	_____
132	10"X 4" Sewer Wye/Tap	Each	12	_____	_____
133	8" Sewer Couplings	Each	10	_____	_____
134	10" Sewer Couplings	Each	1	_____	_____
135	12" Sewer Couplings	Each	1	_____	_____
136	4" Sewer Bends	Each	52	_____	_____
137	48" Manhole 6'-8' Deep	Each	1	_____	_____
138	48" Manhole 8'-10' Deep	Each	13	_____	_____
139	Manhole Drop Section	Each	2	_____	_____
140	Reconnect Sewer Service	Each	47	_____	_____
141	4" Sanitary Sewer Service	Ft	1,801	_____	_____
142	6" Sanitary Sewer Service	Ft	30	_____	_____
143	Adjust Manhole - Asphalt Streets	Each	14	_____	_____
144	Trench Dewatering	LS	1	_____	_____
145	Sanitary Sewer Temporary Bypass	LS	1	_____	_____
146	Manhole Frame and Cover (Neevah R-1733)	Each	14	_____	_____
147	Manhole Construction Plate Marker	Each	14	_____	_____
148	Sanitary Sewer Main Tracer Wire Terminal Box	Each	64	_____	_____
149	Manhole Exfiltration/Vacuum Test	Each	14	_____	_____
150	Sanitary Sewer Television Inspection	Ft	2,244	_____	_____
151	PVC Sewer Pipe Deflection Test	Ft	2,244	_____	_____
152	Locating Utility	Each	4	_____	_____

153 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 _____