

City of Sioux City
Engineering Division
405 6th Street
Sioux City, IA 51104
February 4, 2016

Addendum No. 1
2016 Annual Storm Inlet Rebuild
City of Sioux City
Project No. 6847-549-133

TO ALL WHO WERE NOTIFIED REGARDING PLANS AND SPECIFICATIONS FOR THE REFERENCED PROJECT.

This addendum supersedes all conflicting portions of the drawings and specifications. Contractor shall include all omissions, additions, and adjustments of all trades as may be necessary because of each change, substitution, or omission. Such omission, addition, or adjustment shall conform to recognized and accepted engineering practice.

A new bid form is attached and shall be used to bid this project.

Special Provision numberings have been updated and are attached.

1. UPDATE TO BIDDING REQUIREMENTS

Page C-3, Bid Items, Quantities and Prices for 2016 Annual Storm Inlet Rebuild Project, of the construction documents is replaced with the Bid Form attached. Project Quantities and Items have been updated.

Page D-3, Form of Contract, Contract Attachment: Bid Items, Quantities and Prices for 2016 Annual Storm Inlet Rebuild Project, of the construction documents. Project Quantities and Items have been updated.

2. CLARIFICATION OF BID ITEMS, INTENT, AND QUANTITIES

Special Provision #20, Page SP-6, 8.5" PCC Patch

A clarification on the intent for the 8.5" PCC Patch Item has been made.

Special Provision #22, Page SP-6, Pavement Removal

A clarification on the intent for the Pavement Removal Bid Item has been made.

Special Provision #31, Page SP-8, 6" PCC Sidewalk

Special Provision #31 6" PCC Sidewalk has been added.

Special Provision #32, Page SP-9, Remove Sidewalk

Special Provision #32 Remove Sidewalk has been added.

Special Provision #33, Page SP-9, Sidewalk Pavers

Special Provision #33, Sidewalk Pavers has been added.

Special Provision #34, Page SP-9, Deadline for Comments

Special Provision #34, Deadline for Comments has been added

This addendum shall become a legal binding part of the contract documents. All bidders shall agree to accept the revisions indicated and prepare proposals in accordance therewith.

ENGINEER'S CERTIFICATION

| | |
|--|--|
|  | <p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.</p> |
| | <p style="text-align: right;">Date: <u>4 Feb. '16</u></p> <p style="text-align: center;"><u>Glenn D. Ellis</u> Glenn D Ellis, P.E.</p> <p>License No. 22079 My renewal date is <u>December 31, 2017</u></p> <p>Pages or sheets covered by this seal: <u>Entire Document.</u></p> |

View Only - Not for Bidding

**BID ITEMS, QUANTITIES AND PRICES FOR
2016 ANNUAL INLET REPAIR PROJECT**

This is a UNIT BID PRICE CONTRACT. The bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Price(s), and the Total Construction Cost; in case of discrepancy, the Unit Bid Price governs. The quantities shown on this Attachment - Bid Items, Quantities, and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The total Construction Cost plus any alternate selected by the City shall be used only for comparison of bids. The Total Construction Cost, including any Alternates, shall be used for determining the sufficiency of the bid security.

| Line # | Line Item | Quantity | Unit | Unit Price | Total |
|-----------------------|-------------------------------|----------|------|------------|-----------|
| 1 | Mobilization | 1 | LS | \$ | \$ |
| 2 | Erosion Control | 1 | LS | \$ | \$ |
| 3 | Seeding | 1 | LS | \$ | \$ |
| 4 | Traffic Control | 1 | LS | \$ | \$ |
| 5 | Half Special Inlet (Top Only) | 2 | EA | \$ | \$ |
| 6 | SWS-8 Inlet (Top Only) | 5 | EA | \$ | \$ |
| 7 | DWS-12 Inlet (Top Only) | 1 | EA | \$ | \$ |
| 8 | R&R Half Special Inlet | 1 | EA | \$ | \$ |
| 9 | R&R SWS-8 Inlet | 23 | EA | \$ | \$ |
| 10 | R&R DWS-12 Inlet | 1 | EA | \$ | \$ |
| 11 | R&R Special Inlet | 2 | EA | \$ | \$ |
| 12 | 8.5" PCC Patch | 110 | SY | \$ | \$ |
| 13 | Pavement Removal | 110 | SY | \$ | \$ |
| 14 | 6" PCC Curb | 350 | LF | \$ | \$ |
| 15 | Full Depth Sawcut | 700 | LF | \$ | \$ |
| 16 | 18" - #5 Epoxy Coated Rebar | 175 | EA | \$ | \$ |
| 17 | 6" PCC Sidewalk | 900 | SF | \$ | \$ |
| 18 | Remove Sidewalk | 900 | SF | \$ | \$ |
| Schedule Total | | | | | \$ |

NOTE: It is understood that the above quantities are estimated for the purpose of this bid. All quantities are subject to revision by the City. Quantity changes which amount to twenty percent (20%) or less of the total bid shall not affect the unit bid price.

**CONTRACT ATTACHMENT:
BID ITEMS, QUANTITIES, AND PRICES FOR
2016 ANNUAL INLET REPAIR PROJECT**

THIS CONTRACT IS AWARDED AND EXECUTED FOR COMPLETION OF THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS FOR THE BID PRICES TABULATED BELOW AS PROPOSED BY THE CONTRACTOR IN ITS BID SUBMITTED IN ACCORDANCE WITH INSTRUCTIONS TO BIDDERS AND NOTICE OF PUBLIC HEARING. ALL QUANTITIES ARE SUBJECT TO REVISION BY THE CITY. QUANTITY CHANGES WHICH AMOUNT TO TWENTY PERCENT (20%) OR LESS OF THE AMOUNT BID SHALL NOT AFFECT THE UNIT BID PRICE.

| Line # | Line Item | Quantity | Unit | Unit Price | Total |
|-----------------------|-------------------------------|----------|------|------------|-----------|
| 1 | Mobilization | 1 | LS | \$ | \$ |
| 2 | Erosion Control | 1 | LS | \$ | \$ |
| 3 | Seeding | 1 | LS | \$ | \$ |
| 4 | Traffic Control | 1 | LS | \$ | \$ |
| 5 | Half Special Inlet (Top Only) | 2 | EA | \$ | \$ |
| 6 | SWS-8 Inlet (Top Only) | 5 | EA | \$ | \$ |
| 7 | DWS-12 Inlet (Top Only) | 1 | EA | \$ | \$ |
| 8 | R&R Half Special Inlet | 1 | EA | \$ | \$ |
| 9 | R&R SWS-8 Inlet | 23 | EA | \$ | \$ |
| 10 | R&R DWS-12 Inlet | 1 | EA | \$ | \$ |
| 11 | R&R Special Inlet | 2 | EA | \$ | \$ |
| 12 | 8.5" PCC Patch | 110 | SY | \$ | \$ |
| 13 | Pavement Removal | 110 | SY | \$ | \$ |
| 14 | 6" PCC Curb | 350 | LF | \$ | \$ |
| 15 | Full Depth Sawcut | 700 | LF | \$ | \$ |
| 16 | 18" - #5 Epoxy Coated Rebar | 175 | EA | \$ | \$ |
| 17 | 6" PCC Sidewalk | 900 | SF | \$ | \$ |
| 18 | Remove Sidewalk | 900 | SF | \$ | \$ |
| Schedule Total | | | | | \$ |

6. City's Proposed Schedule

The City anticipates the following timeline for this project. All dates are approximate.

- Bid Letting: February 9, 2016
- Council Award of Contract: February 22, 2016
- Council Approve (Execution of) Contract Documents: March 14, 2016
- Anticipated Pre-Construction Meeting: March 23, 2016
- Anticipated Date to Proceed: March 28, 2016
- Contract Completion Date: September 30, 2016

7. Schedule of Operations

The Contractor shall submit to the City, prior to the preconstruction conference, a written schedule for performance of the work items. The schedule shall be in the form of chart showing starting and completion dates for the items. The contractor shall then make every effort to conform to the accepted schedule.

8. Inlet Top Only Locations

| | |
|--------------|------------------------------------|
| DWS-12 | 5th and Jones South East Corner |
| DWS-12 | 3rd and Jones South West Corner |
| SWS-8 | 5th and Court South West Corner |
| SWS-8 | 5th and Iowa North East Corner |
| SWS-8 | 419 Jones |
| SWS-8 | 3rd and Virginia South East Corner |
| SWS-8 | 7th and Floyd North East Corner |
| Half Special | 6th and Pierce North West Corner |

9. Inlet Full Rebuild Location

| | |
|--------------|--|
| Half Special | 27th and Jennings South West Corner |
| DWS-12 | 4029 Jefferson |
| SWS-8 | 4121 Hamilton |
| SWS-8 | 7th and Douglas South West Corner |
| SWS-8 | 4th and Douglas South East Corner |
| SWS-8 | 3rd and Jackson North West Corner |
| SWS-8 | 3rd and Jackson North East Corner |
| SWS-8 | 6th and Nebraska North East Corner |
| SWS-8 | 3rd and Nebraska South East Corner |
| SWS-8 | 4th and Jackson West Side of Street Approximately 70' North of 4th |
| SWS-8 | 4th and Jackson East Side of Street Approximately 70' North of 4th |
| SWS-8 | 4512 Cheyenne Boulevard |
| SWS-8 | 4513 Cheyenne Boulevard |
| SWS-8 | 46th and Cheyenne: 1st Inlet East on 46th |
| SWS-8 | 46th and Cheyenne: 2nd Inlet East on 46th |
| SWS-8 | 8th and Douglas South East Corner |
| SWS-8 | 5th and Iowa North West Corner |
| SWS-8 | 101 Pierce |
| SWS-8 | 8th and Pierce South East Corner |
| SWS-8 | 29th and Park Avenue North West Corner |
| SWS-8 | 29th and Wall South East Corner |
| SWS-8 | 29th and Wall South West Corner |

| | |
|---------|------------------------------------|
| SWS-8 | 29th St and Iowa South West Corner |
| SWS-8 | 29th and Court South East Corner |
| SWS-8 | 29th and Court South West Corner |
| Special | 4524 Cheyenne Boulevard |

10. Contractor Storage Area

The Contractor shall store equipment and materials within the City right of way. Rock shall not be stored or allowed to get in locations that will be seeded.

11. Removal and Disposal

The Contractor shall provide a disposal site for all materials removed and not reused in the project. Separate payment will not be made for disposal. All costs, including landfill fees, for disposal shall be absorbed in various bid items. The disposal site shall be furnished by the Contractor and approved by the Engineer. The disposal site shall not be a wetland. The Contractor shall procure required clearances for the disposal site.

12. Field Verification and Existing Conditions

The Contractor is responsible to become familiar with the existing site conditions such as the close proximity of gas lines, telephone lines, cable lines or conduits, telephone poles, chain link fences, power poles and braced poles along the route of this project. It is the responsibility of the Contractor to verify locations, existing conditions, and measurements in the field prior to bid submittal. Contractor shall include these conditions as incidental to their bid.

13. Shrinkage Cracks

Any shrinkage cracks and surface tears found in the new pavement shall be cause for removal and replacement of affected pavement by the Contractor at no cost to the City.

14. Route, Clean and Seal Cracks and Joints

Normal finish and sealing of all expansion joints, construction joints, and new sawed joints is required on all concrete work. The back of curb expansion joints on wheelchair ramps shall be sealed. All work and materials necessary to route, clean and seal joints shall be considered incidental to the construction of new paving.

15. Full Depth Sawcut

All areas where new, full-depth pavement patches are to be replaced against old pavement, regardless of depth, will require full depth saw-cutting in order to obtain a straight, vertical edge between the new construction and the remaining concrete or asphalt (except in an area where an existing joint will serve the same purpose).

The City's Authorized Representative will mark saw cut locations in the field using existing joints when possible; any additional saw cut will have to be approved before the work is performed. Where a second saw cut is necessary to provide a smooth straight edge, the second saw cut shall be incidental to the full depth saw cut.

16. Curb Drains

Existing drains through the curb shall be removed and properly abandoned at no cost to the City. Coordinate with the City's Authorized Representative prior to this work occurring.

17. 18" - #5 Epoxy Coated Rebar

All external longitudinal and transverse joints of the new concrete paving shall be doweled into the existing concrete. New #5 - 18" epoxy-coated bars shall be drilled a minimum of 9" into the center of existing concrete and installed at 24" on center in longitudinal joints and transverse joints with an approved epoxy grout. Tie bars and dowels in newly constructed keyed and doweled joints will be incidental to paving. Include in this item any replacement of smooth dowels and expansion tubes required after header removal.

If the existing concrete thickness and condition does not allow for installation of deformed bars, a thickened edge (3 feet wide and 9 inches deep) shall be used and paid for as if bars had been installed.

18. Remove and Replace Inlet (Top Only)

The work to remove and replace Half Special Inlet Tops includes the removal and replacement of the inlet top and any labor, materials, and time required to fully reconstruct the top (and up to one foot of the walls) of this storm inlet. The removal and replacement of the inlet top shall be paid for by each (EA) in the "R&R Half Special (Top Only)" bid item.

The work to remove and replace SWS-8 Inlet Tops includes the removal and replacement of the inlet top and any labor, materials, and time required to fully reconstruct the top (and up to one foot of the walls) of this storm inlet. The removal and replacement of the inlet top shall be paid for by each (EA) in the "R&R SWS-8 (Top Only)" bid item.

The work to remove and replace DWS-12 Inlet Tops includes the removal and replacement of the inlet top and any labor, materials, and time required to fully reconstruct the top (and up to one foot of the walls) of this storm inlet. The removal and replacement of the inlet top shall be paid for by each (EA) in the "R&R DWS-12 (Top Only)" bid item.

19. Remove and Replace Inlet

The work to remove and replace Half Special Inlets includes the removal and replacement of the inlet top, walls, base, storm sewer pipe connections, the last stick of storm sewer pipe as needed, any labor, materials, and time required to fully reconstruct the storm inlet. The removal and replacement of the inlet shall be paid for by each (EA) in the "R&R Half Special Inlet" bid item.

The work to remove and replace SWS-8 Inlets includes the removal and replacement of the inlet top, walls, base, storm sewer pipe connections, the last stick of storm sewer pipe as needed, any labor, materials, and time required to fully reconstruct the storm

inlet. The removal and replacement of the inlet shall be paid for by each (EA) in the "R&R SWS-8 Inlet" bid item.

The work to remove and replace DWS-12 Inlets includes the removal and replacement of the inlet top, walls, base, storm sewer pipe connections, the last stick of storm sewer pipe as needed, any labor, materials, and time required to fully reconstruct the storm inlet. The removal and replacement of the inlet shall be paid for by each (EA) in the "R&R DWS-12 Inlet" bid item.

The work to remove and replace the Special Inlet at 4524 Cheyenne Ave includes the removal of the existing special inlet top, walls, base, the last stick of storm sewer pipe as needed, any labor, materials and time required to remove the special inlet, the replacement of the double intake with two SW-509 inlets, and the materials and time required to construct the two SW-509 inlets. The wall between the two inlets will be replaced with a beam as shown in the SUDAS SW-509 detail. The removal and replacement of the special inlet with two SW-509 inlets shall be paid for by each (EA) in the "R&R Special Inlet" bid items.

20. 8.5" PCC Patch

The work to construct the 8.5" PCC Patch shall include the shaping of the inlet throat, constructing the gutter, and replacing any street or driveway paving that is removed. The 8.5" PCC Patch shall meet and match the top of the existing adjacent PCC pavement plus any asphalt overlay that may exist.

Where the depth of PCC pavement plus any existing asphalt overlay exceeds 8.5" in depth match the top of the patch with the top of any existing pavement and fill the remainder of the patch with compacted fill dirt. This shall be incidental to this bid item.

The work to construct the Full Depth patch shall be paid at the contract unit price per square yard (SY) for 8.5" PCC Patch which shall include all labor, equipment, and materials to do this work.

This quantity when placed in front of the intake, will be measured from the front edge of the intake out to the street. Where there is curb, it will be measured from the back of curb out to the street.

21. 6" PCC Curb

The work to construct integral 6"-8.5" curb shall be paid at the contract unit price per linear foot (LF) in the "6" PCC Curb" bid item and shall include all labor, equipment, and materials to do this work.

This quantity will be measured from the edge of the intake to the end of the curb and gutter.

22. Pavement Removal

This bid item shall be payment for removal and disposal of existing PCC or HMA pavement including driveways (up to 12" thick), and any thickness of asphalt overlay. This includes curb and gutter, regardless of type or thickness.

The actual area for payment under this bid item will be marked (painted) and measured in the field by the City's Authorized Representative.

If a curb and gutter joint does not exist, the removal width for curb and gutter work in most cases is three feet. This can vary according to conditions. All removal will be marked by the City's Authorized Representative prior to the Contractor beginning work on the individual projects. The area marked will be measured to obtain the removal and replacement quantities. The cost of removal and replacement of pavement broken beyond the area marked will be at the Contractor's expense.

If the existing paving is jointed or cracked within 2 feet of the allowable removal line, the paving shall be removed and replaced to the joint or crack, and this work will be paid for under contract bid items.

The Contractor will not be paid for removal and replacement of paving broken by the Contractor's operation.

23. Inlet Cleanout

The Contractor shall determine if the inlets on the project are clean prior to beginning construction. If notice is not given that an inlet is clean prior to beginning work, it will be assumed that the inlets are operational and any inlets discovered plugged or with debris during the construction will be the Contractor's responsibility to unplug and clean out at no cost to the city. Cost is incidental to the project.

24. Salvageable Items

All manhole castings, inlet grates, and other salvageable items as determined by the City's Authorized Representative shall be delivered to the Field Services Office. The City will assist with unloading the salvaged materials if the Contractor provides two working days' notice to the delivery and establishes a mutually agreed to time for delivery – call the Utilities Field Office at 279-6164 to coordinate. The cost of this work is considered incidental to the respective bid item.

25. Air Testing PCC Concrete Paving

Air testing will be done as shown in the 2015 Sioux City Supplement to the SUDAS Specifications effective January of 2015.

The City of Sioux City will provide the concrete testing for air content (as described above along with slump and concrete cylinders).

26. Seeding

All disturbed areas shall be seeded, fertilized and mulched per SUDAS and the Sioux City Supplemental Specifications within 14 days of the completion of concrete work at any individual project location. All rocks will be removed from any areas that are to be seeded prior to seeding. Contractor is to distribute a "Care of Seeded Lawns" informational letter and door hanger to all property owners and tenants when seeding is complete so that they may begin maintenance. Hydro-seeding will be required on all

disturbed areas on the project.

27. Erosion Control

Erosion control will consist at a minimum of placement of inlet socks around inlets, silt fence where needed, and minimizing tracked dirt onto city streets. Included is sweeping and cleaning the pavement as needed during construction. This includes all downstream inlets from the work being performed.

The Erosion Control bid item shall include inlet protection for all existing inlets until removed. The work to provide Erosion Control at each specific project location shall be paid for at the lump sum price (LS) for Erosion Control which shall include all labor, equipment, and materials to do this work for each individual project location.

28. Guarantee of Work

There are no guarantees of any minimum quantities of work on this project.

29. Project Completion and Final Inspection

Upon completion of each specific location, the Contractor shall investigate his work and correct all deficiencies prior to requesting a preliminary inspection by the City.

The Contractor shall request, in writing, that the final inspection be made. This request will be made within a time frame that will allow the Contractor time to complete the "Punch List" items prior to the completion date.

Each specific project location will be inspected independent of any other location.

30. Special Event and Project Coordination

During the course of the construction timeframe there is the potential for conflicts from other projects or special events in the vicinity of the project locations. Staff will work with the contractor(s) and special events coordinators to keep everyone informed and up to date.

31. 6" PCC Sidewalk

The work to construct six (6) inch sidewalk shall be paid for at the contract unit price per square foot (SF) for 6" PCC SIDEWALK which shall include all labor, equipment, and materials to do this work.

The contractor will be responsible for making sure the sidewalk grades meet all SUDAS and ADA requirements prior to any sidewalk paving operations. The contractor must notify the City's Authorized Project Representative 24 hours in advance of paving operations to check for compliance with the applicable standards.

Any rock gardens, landscaping areas, hand rails or small retaining walls disturbed by construction of new sidewalk shall be restored to original condition by the contractor at no cost to the city.

Any excess soil from the construction of the sidewalk will be spread providing a smooth surface that will either match the existing grade or at a 3:1 slope, whichever is more restrictive, prior to seeding activities occurring.

32. Remove Sidewalk

The work shall include the removal and disposal of existing sidewalk, concrete pads and asphalt overlay of sidewalks, regardless of type or thickness. The actual area for payment under this bid item will be marked (painted) and measured in the field by the City's authorized representative. Any saw cut performed for partial or full removal of sidewalk shall be considered incidental to this bid item.

33. Sidewalk Pavers

Any Sidewalk Pavers that are in the area of removals will be carefully removed when the sidewalk is removed, the Pavers will be protected, and when the sidewalk is reconstructed the Pavers will be replaced. If Pavers are damaged the Contractor shall be responsible to replace with new matching Pavers. The work to accomplish this will be incidental to the project.

34. Deadline for Comments

All questions shall be made in writing to jpottorff@sioux-city.org no later than Friday, February 5, 2016 at 12:00 Noon.

--END OF SPECIAL PROVISIONS--