

From: Seyffer, Amy

Sent: Thursday, January 29, 2026 1:04 PM

[REDACTED]

Cc: DWSRFWaiver

Subject: Re: Requesting Product Availability Market Research for Iowa Project: Marshalltown SRF #CS1921044-01

NOTE: Information in this waiver may have been redacted or removed due to issues of proprietary business information or incompatibility with Federal accessibility requirements. To request the information redacted for purposes of accessibility requirements, please email CWSRFWaiver@epa.gov.

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[REDACTED]

See attached specs and details below. Let me know if you need anything else. Thanks!

Official name of the project: 2020 Sanitary Sewer Rehabilitation CIPP - Headworks and Digester Improvements

Purpose of the project:

Headworks and Digester Project: Headworks equipment including screening, grit removal, and ventilation is at its end of useful life and requiring replacement. Ventilation improved to current NFPA 820. Process piping in preliminary treatment is corroding and requiring replacement. Digesters are nearing 20 years since last rehabilitation project and require rehabilitation to function for another 20 years. Site dewatering requires improvement to protect structures. Plant SCADA/PLC system is outdated and will require updates.

Sewer Project: City determined through negotiation with DNR that additional work is needed to the collections system as part of the City's consent agreement.

Proposing new screens and wash presses with equipment platform and building addition over existing footprint. Improved grit removal and cleaning with grit washer. Replace process piping in preliminary treatment. Digesters sandblasted and repainted, rehab mixers, new membrane/insulation on covers, and other misc. improvements. Site dewatering improved with new site raw water main, pumps, and system cleaning. Plant SCADA/PLC improvements.

Sewer Project: Project includes lining approximately 65,000 ft of sanitary sewer, CIPP Point repairs, and sewer and manhole replacements. Project includes earthwork, water main relocation, and new pavement.

Borrower has received an administrative order from DNR and this project will allow the system to conduct maintenance on their infrastructure, maintain compliance with federal regulations and will allow the system to address their identified watershed management plan needs.

[REDACTED]

All funding sources of the project - just SRF

Last day these valves can be installed without schedule disruption: They plan to install the valve toward the end of April 2026. The contractor also confirmed that procurement of the valve would require approximately 4–6 weeks. Given this timeline, they may begin to experience schedule impacts if a domestic supplier is not identified by mid-February.

**For faster service, please include the borrower name and SRF project number in the subject line of your emails to me. If you do not know the SRF project number, please indicate whether the project is for clean water (CW) or drinking water (DW). Thank you!*

[REDACTED]

[REDACTED]

[REDACTED]

[Redacted]

[Redacted]

[Redacted]

From: Seyffer, Amy <amy.seyffer@dnr.iowa.gov>
Sent: Tuesday, December 23, 2025 2:33 PM
To: DWSRFWaiver <dwsrfwaiver@epa.gov>
Subject: Requesting Product Availability Market Research for Iowa Project: Marshalltown SRF #CS1921044-01

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,
Can you please assist our customer with identifying a domestic supplier of the part referenced in the attachments? Please let me know if you have any questions.
Thank you!
Amy

[Redacted]

CLEAN WATER STATE REVOLVING FUND INTENDED USE PLAN (IUP) APPLICATION



- Application Packet Checklist
- Application Packet Instructions
- IUP Application Form
- Real Property Assurance Form

The application for inclusion on the Clean Water State Revolving Fund (CWSRF) IUP can be submitted only when the wastewater project is at the right stage of the construction permitting process. This packet outlines the requirements of the permitting process that must be met and includes the materials and information needed to complete the IUP application. Please use the checklist and instructions to make sure your application is complete before submitting it.

APPLICATION PACKET CHECKLIST

A. Construction Permitting Information -- To Be Completed by Applicant

- Applicant Name City of Marshalltown
1. DNR Number (e.g. W2014-#### or S2014-####) W2020-0410A (Headworks/Digester)
2. DNR Project Manager Name Timothy Bauer (Headworks/Digester)
Headworks and Digester Improvements Project
3. Project Identification: 2020 Sanitary Sewer Rehabilitation Project - CIPP
4. Project Initiation Meeting Held (date) July, 14, 2020 (Headworks/Digester)
5. Flows and Loads Concurrence by DNR (date or N/A) July 2, 2020
If N/A, state reason: _____
6. Wasteload Allocation Completed (date or N/A – see 5. above) N/A
7. Antidegradation Alternatives Analysis Required (if no, go to 8.) Yes No
- 7a. Alternatives Analysis Approved by DNR (date or N/A) N/A
8. Three Copies of Certified Facility Plan Yes
- 8a. If Already Submitted (submitted date) Certification Date: November 2011 (Sewer Project)
9. Iowa Construction Permit Application Schedule A Yes
10. Schedules F and G (if needed for the project) Yes N/A
If N/A, state reason: No Change to Design Flows

B. State Revolving Fund Information -- To Be Completed by Applicant

11. IUP Application Signed Yes
12. DUNS Number Included (note: Form 4700-4 no longer required) Yes
13. Property Assurance Form Signed Yes
14. SRF Environmental Review Checklist and Attachments Completed and Submitted Yes

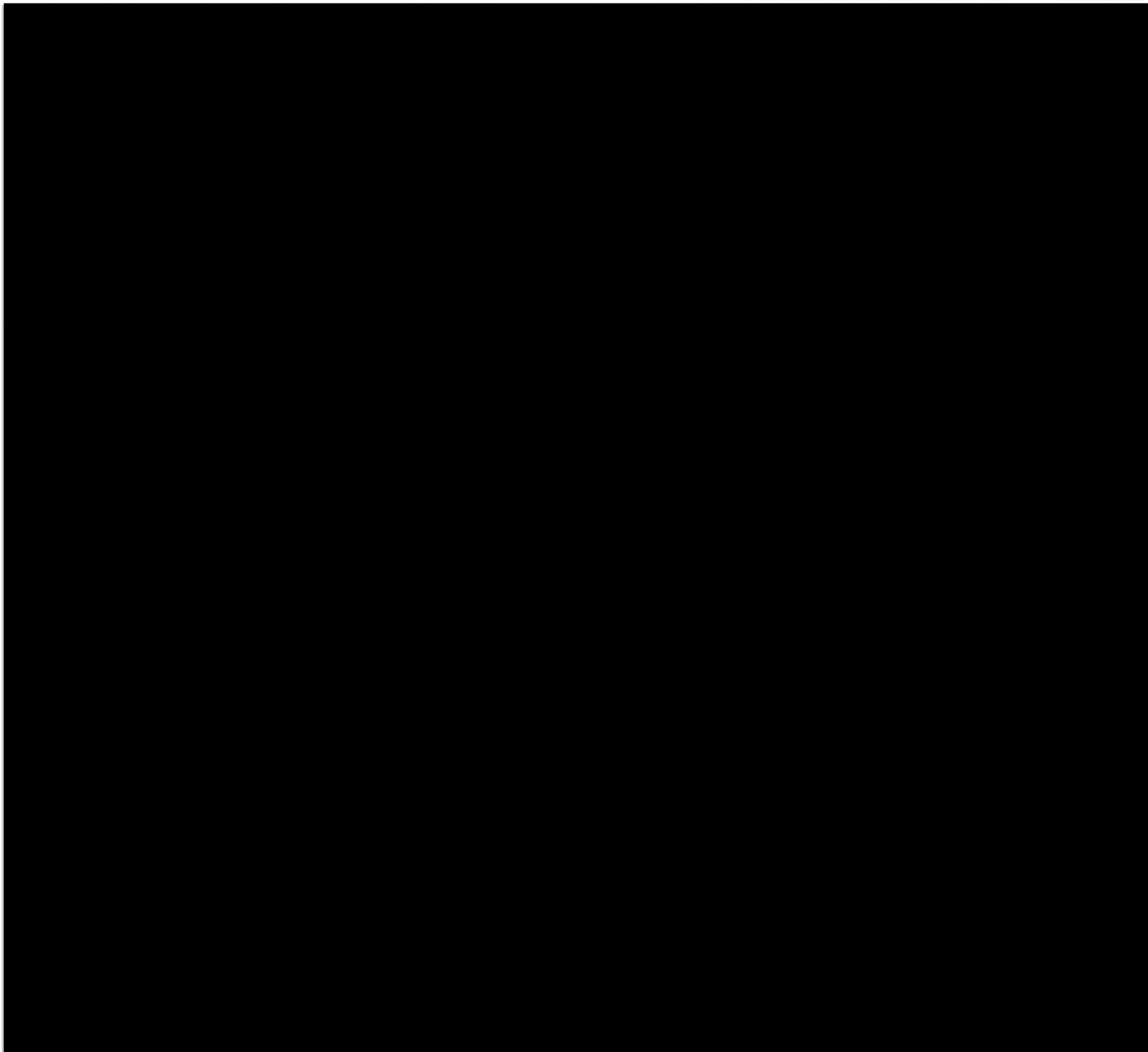
Section 3: Brief Project Summary (Attach additional pages if necessary.)

Describe the reasons for the proposed project: (i.e. specific water quality problem or system improvement)

Headworks and Digester Project: Headworks equipment including screening, grit removal, and ventilation is at its end of useful life and requiring replacement. Ventilation improved to current NFPA 820. Process piping in preliminary treatment is corroding and requiring replacement. Digesters are nearing 20 years since last rehabilitation project and require rehabilitation to function for another 20 years. Site dewatering requires improvement to protect structures. Plant SCADA/PLC system is outdated and will require updates.
Sewer Project: City determined through negotiation with DNR that additional work is needed to the collections system as part of the City's consent agreement.

Describe the proposed project: (i.e., specific solution to the water quality problem, or proposed system improvement)

Headworks and Digester Project: Proposing new screens and wash presses with equipment platform and building addition over existing footprint. Improved grit removal and cleaning with grit washer. Replace process piping in preliminary treatment. Digesters sand blasted and repainted, rehab mixers, new membrane/insulation on covers, and other misc. improvements. Site dewatering improved with new site raw water main, pumps, and system cleaning. Plant SCADA/PLC improvements.
Sewer Project: Project includes lining approximately 65,000 ft of sanitary sewer, CIPP Point repairs, and sewer and manhole replacements. Project includes earthwork, water main relocation, and new pavement.



SECTION 40 05 61
GATE VALVES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Gate valves.
- B. Related Specification Sections include but are not necessarily limited to:
 - 1. Division 00 – Procurement and Contracting Requirements.
 - 2. Division 01 – General Requirements.
 - 3. Section 40 05 51 - Valves - Basic Requirements.

1.2 QUALITY ASSURANCE

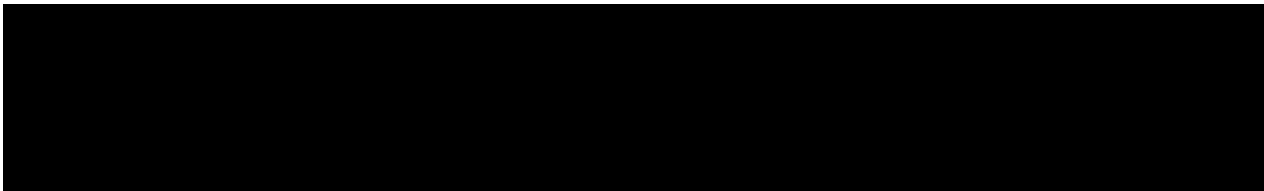
- A. Referenced Standards:
 - 1. ASTM International (ASTM):
 - a. A126, Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings.
 - 2. American Water Works Association (AWWA):
 - a. C500, Standard for Metal-Seated Gate Valves for Water Supply Service.
 - b. C504, Standard for Rubber-Seated Butterfly Valves.
 - c. C509, Standard for Resilient-Seated Gate Valves for Water Supply Service.
 - d. C515, Standards for Reduced-Wall, Resilient-Seated Gate Valves for Water Supply Systems.
 - e. C550, Standard for Protective Epoxy Interior Coatings for Valves and Hydrants.
 - 3. Manufacturers Standardization Society of the Valve and Fittings Industry Inc. (MSS):
 - a. SP-9, Spot Facing for Bronze, Iron and Steel Flanges.
 - b. SP-70, Cast Iron Gate Valves, Flanged and Threaded Ends.
 - c. SP-80, Bronze Gate, Globe, Angle and Check Valves.
 - 4. NSF International (NSF):
 - a. 61, Drinking Water System Components - Health Effects.

1.3 DEFINITIONS

- A. OS&Y: Outside Screw and Yoke.
- B. NRS: Non-rising Stem.
- C. RS: Rising Stem.

1.4 SUBMITTALS

- A. Shop Drawings:
 - 1. See Specification Section 01 33 00 for requirements for the mechanics and administration of the submittal process.
 - 2. See Specification Section 40 05 51.
- B. Contract Closeout Information:
 - 1. Operation and Maintenance Data:
 - a. See Specification Section 01 78 23 for requirements for the mechanics, administration, and the content of Operation and Maintenance Manual submittals.





PART 2 - PRODUCTS

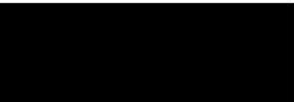
2.1 MANUFACTURERS

- A. Subject to compliance with the Contract Documents, the manufacturers listed in the applicable Articles below are acceptable.

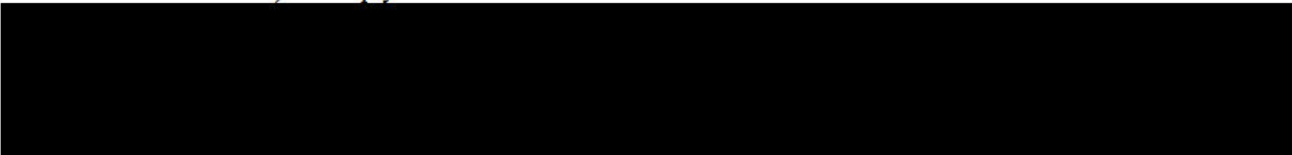
2.2 VALVES: WATER, STEAM CONDENSATE, STEAM TO 125 PSI, AIR; 2-1/2 IN AND SMALLER

- A. Class 125 bronze gate valve.
 - B. Comply with MSS SP-80.
 - C. Materials:
 - 1. Body, bonnet, wedge: Bronze.
 - 2. Stem: Silicon bronze.
 - 3. Packing: Aramid fibers with graphite 
 - D. Design Requirements:
 - 1. 125 PSI steam, 200 PSI non-shock WOG.
 - 2. Screw in bonnet, non-rising stem, solid wedge.
- 

2.3 VALVES: STEAM CONDENSATE, STEAM TO 125 PSI, AIR; 3 IN AND LARGER

- A. Class 125 iron body gate valve.
 - B. Comply with MSS SP-70.
 - C. Materials:
 - 1. Body, bonnet, wedge: Cast iron, ASTM A126, Class B.
 - 2. Stem: Brass, bronze, or copper silicon alloy.
 - D. Design Requirements:
 - 1. 125 PSI steam to 400 DEGF, 200 PSI WOG.
 - 2. Bolted bonnet, OS&Y, solid wedge, bronze mounted.
- 

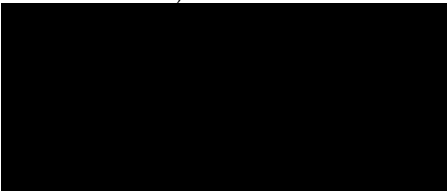
2.4 VALVES: WATER (HOT, COLD, HEATING, COOLING, SERVICE, PROCESS, POTABLE, NON-POTABLE, AND WASTEWATER)

- A. Double Disc Gate Valve, 3 to 12 IN (Water Application):
 - 1. Comply with AWWA C500.
 - 2. Materials:
 - a. Stems and stem nut: Bronze.
 - 1) Wetted bronze parts in low zinc bronze.
 - 2) Aluminum bronze components: Heat treated per AWWA C504
 - b. Body, gate: Ductile iron.
 - 3. Design requirements:
 - a. Minimum 150 PSIG working pressure.
 - b. Buried: NRS, O-ring stem seal, 2 IN square operating nut.
 - c. Exposed: NRS, O-ring stem seal, handwheel .
 - d. Counterclockwise open rotation.
 - e. Fusion bonded epoxy coating interior and exterior except stainless steel and bearing surfaces.
 - 1) Comply with AWWA C550
- 

- 2) Comply with NSF 61.
- 3) Wetted bronze parts in low zinc bronze
- 4) Aluminum bronze components: Heat treated per AWWA C504

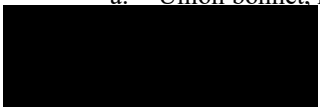


- B. Resilient Wedge Gate Valves, 2 to 48 IN:
1. Comply with AWWA C509 or AWWA C515.
 2. Materials:
 - a. Stem and stem nut: Bronze.
 - 1) Wetted bronze parts in low zinc bronze.
 - 2) Aluminum bronze components: Heat treated per AWWA C504.
 - b. Body, gate: Ductile iron.
 - c. Resilient wedge: Fully encapsulated rubber wedge. [Styrene Butadiene Rubber (SBR)] [Ethylene Propylene Diene Monomer (EPDM)].
 3. Design requirements:
 - a. Minimum 150 PSIG working pressure.
 - b. Buried: NRS, O-ring stem seal, 2 IN square operating nut.
 - c. Exposed: NRS, O-ring, stem seal, handwheel.
 - d. Counter clockwise open rotation.
 - e. Fusion bonded epoxy coating interior and exterior except stainless steel and bearing surfaces.
 - 1) Comply with AWWA C550.
 - 2) Comply with NSF 61.
 - 3) Wetted bronze parts in low zinc bronze.
 - 4) Aluminum bronze components: Heat treated per AWWA C504.



2.5 VALVES: STEAM, 125 TO 200 PSI

- A. 2 IN and Smaller:
1. Class 300 bronze gate valve.
 2. 300 PSI steam, 600 PSI WOG, (non-shock).
 3. Comply with MSS SP-80.
 4. Materials:
 - a. Body, bonnet, wedge: Bronze.
 - b. Stem: Silicon bronze alloy.
 - c. Packing: Teflon or TFE impregnated fiber.
 5. Design requirements:
 - a. Union bonnet, rising stem, solid wedge disc, handwheel.



- B. 2-1/2 IN and Larger:
1. Class 250 iron body gate valve.
 2. 250 PSI steam, 500 PSI WOG (non-shock).



3. Comply with MSS SP-70.
4. Materials:
 - a. Body: Cast iron, cast bronze trim.
 - b. Stem: Silicon copper alloy.
 - c. Packing: Teflon or TFE impregnated fiber.
5. Design requirements:
 - a. Bolted bonnet, OS&Y, solid wedge disc, handwheel.



2.6 ACCESSORIES

- A. Refer to Drawings and valve schedule for type of actuators.
 1. Furnish actuator integral with valve.
- B. Refer to Specification Section 40 05 51 for actuator requirements.

2.7 FABRICATION

- A. General:
 1. Provide valves with clear waterways the full diameter of the valve.
- B. Spot valves in accordance with MSS SP-9.

2.8 SOURCE QUALITY CONTROL

- A. Perform following tests, in accordance with AWWA C515 on valves constructed in accordance with AWWA C515:
 1. Operation test.
 2. Shell test.
 3. Seal test.
 4. Hydrostatic test.
 5. Torque test.
 6. Leakage test.
 7. Pressure test.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. See Specification Section 40 05 51.
- B. Do not install gate valves inverted or with the stems sloped more than 45 DEG from the upright unless the valve was ordered and manufactured specifically for this orientation.

END OF SECTION

