Purchasing Division

ADDENDUM NO. 2

DATE: **May 20, 2025**
FROM: **City of Grand Junction Purchasing Division**
TO: **All Offerors**
RE: **Sanitary Sewer Cured-In-Place-Piping Project IFB-5667-25-DD**

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following questions/answers/clarifications:

1. **Question:** 120 Calendar days is not enough time to complete this scope of work. Will the City please consider 180 Calendar days for completion?
   Answer: Yes, we will change the calendar days to be 180.

2. **Question:** Quality Control Spec Section 01400 1.6.3 Calls for 3rd party lab testing to be paid by the contractor. The CIPP Spec Section 02540 only mentions a pressure test but not sample testing of the liner.
   a. Is CIPP sample testing required?
      Answer: Yes
   b. If so, how many samples are required? Typical would be 1) One sample per diameter of material installed, or 2) One sample per batch of material (every 3,000 to 4,000 LF) or 3) One sample per every installation, which can become quite expensive.
      Answer: One sample per batch of material for every 3,000 to 4,000 LF. Contractor to provide a Quality Assurance/Quality Control Plan for sampling. Each sample should be marked with project, section, date, diameter, and thickness.

3. **Question:** Which ASTM F1216 Appendix do you want us to design the CIPP to?
   Answer: Appendix X1

4. **Question:** Can you provide the design parameters? – the categories are in the ASTM F1216 Appendix F1216 items as groundwater depth, ovality, soil loading, etc.
   Answer: Contractor shall assume a groundwater depth of 2-feet above the top of pipe, ovality around 3%, design to fully deteriorated conditions, soil loading for H-20 in all pipes besides the pressure pipe under the railroad, which should be designed to withstand railroad loadings.

5. **Question:** What is the CIPP warranty requirement? It is generally close to the same warranty as the overall project requirements, but didn't see it in the specifications.
   Answer: 1-year warranty

6. **Question:** What length of the Service Lateral liner into the existing lateral do you require? Typical is generally an average of 12" into the lateral.
   Answer: 12" is acceptable.

7. **Question:** Bid Item # 3 states the length of pipe is 350 LF. The drawings state the length of pipe is 289 LF. Can you please confirm the length of the pipe?
   Answer: 289 LF is the length from the center of the proposed pit locations. Additional length was provided in case the proposed pit locations needed to move given the Contractor's means and methods. Payment will be made for this work according to Specification 00120. Please note the payment procedures call out C900 for the 20-inch carrier pipe under the railroad, but it is ductile iron.

8. **Question:** Sheet C5.0 of the plan set does not include a profile of the water line. Does the City have a profile? We need to know the elevations at each end of the pipe. We also need to know if the line has any bends in the pipe.
   Answer: The depth of the water main is called out on sheet C5.0 as 5-feet (top of pipe). This depth is based on City measurements at the valves shown on both sides of the railroad on sheet C5.0. As-built drawings are provided for reference. The as-builts do not show any bends within the 42-inch CMP casing pipe. As-builts are attached for reference.

9. **Question**: Is the existing water line inside a carrier casing under the RR tracks, or is it a stand-alone pipe under the tracks?
   Answer: In a casing pipe.
   a. If the host pipe is inside a casing, please confirm the host pipe type and the carrier casing pipe type.
      Answer: Existing Ø20" ductile iron water pipe is inside a Ø42" CMP

10. **Question:** Can you please confirm the host pipe type? Sheet 5.0 notes the pipe is DIP, however, the end termination details suggest the pipe could be PCCP.
    Answer: The existing pipe is ductile iron

11. **Question:** What is the reason for lining the pipe, i.e., historical breaks, current leaking, pinholes, or a proactive rehabilitation measure?
    Answer: Proactive rehabilitation

12. **Question:** Are there any service laterals on the water line?
    Answer: No service laterals

11. **Question:** Is the water it carries potable water or non-potable water?
    Answer: Potable water

12. **Question:** In the Utility Note section #3 on Sheet C5.0, it states the pipe must be pressure tested to 1.5 times the operating pressure of the line or 150 psi, whichever is greater. ASTM F1216 requires the pressure test to be 1.5 times operating press or 150 psi, whichever is <u>less</u>. Will the City please change the test pressure requirement?
    Answer: Whichever is greater

13. **Question:** Utility Note section #5 on Sheet C5.0 states a bypass plan is to be provided by the contractor.
    a. Can the City take the pressure line out of service?
       Answer: Yes, the line will be isolated by closing valves upstream and downstream of the lining and be operated by the City of Grand Junction.
    b. Is the water line to be bypassed by the Contractor? (just to confirm)
       Answer: No, the segment needing CIPP lining will be isolated. No bypass will be required but assume there will be water in the pipe.

i. If so, does the City have any thoughts as to how/where they want the bypass line to run?
Answer: N/A
ii. If so, can the City please provide bypass specifications?
Answer: N/A

c. Spec Section 02550 3.01.B.12 states the Contractor is responsible for obtaining Railroad access permits, etc. Railroad permits can be costly, time consuming, and can take up 6 months to a year or longer to obtain a permit.
Answer: No permit is necessary, work will be performed outside of the right of way
i. Are the pit locations within the Railroad ROW?
Answer: No the pit locations are outside of the UPRR right of way
ii. Does the City have an ongoing maintenance permit or access permission with the Railroad?
Answer: No

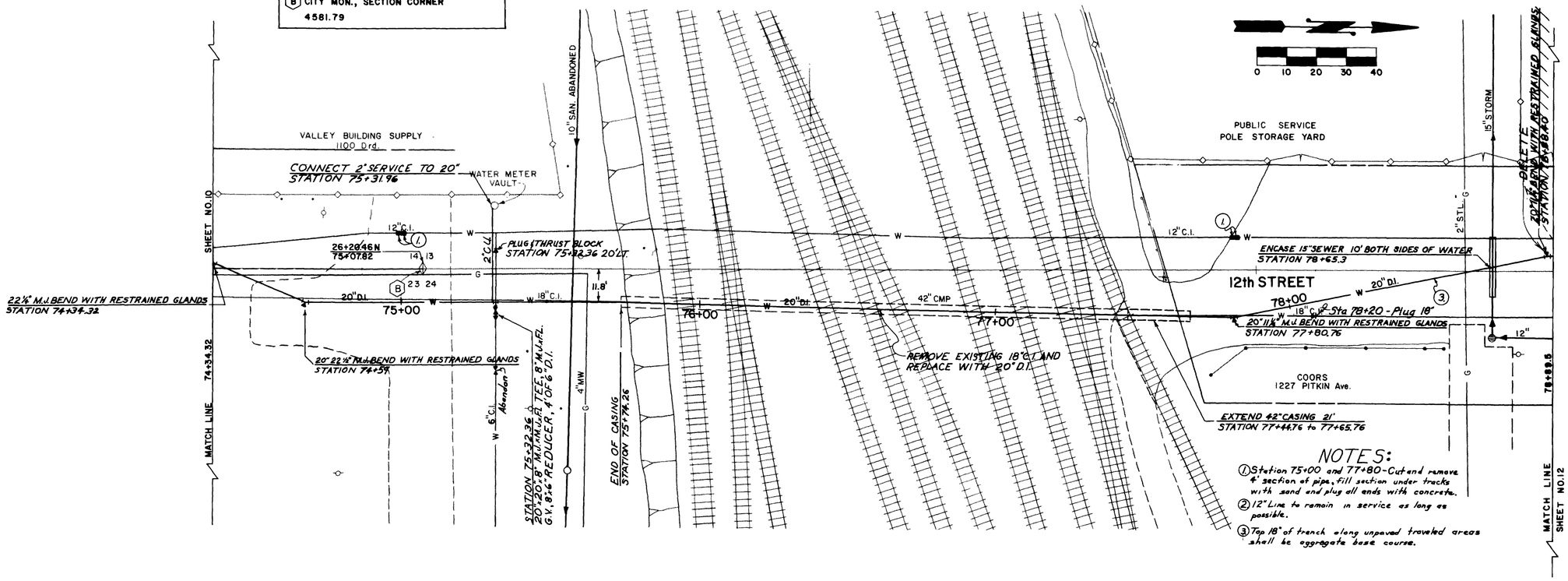
d. Spec Section 02550 1.03.A Installer Qualifications requires the installer to submit a project history for pressure pipe installation of at least 5 recent projects in the past 2 years.
i. Will the City please require these experience qualifications to be included with the bid submission, and not post award?
Answer: Prequalification is a simple process and must be done before bids are accepted. Contact Ken Haley, Director of Engineering at kennethh@gjcity.org to get prequalified This will fall under the Sewer Rehabilitation Category
ii. Will the City consider requiring this experience to be Western US based?
Answer: All experience will be evaluated

The original solicitation for the project noted above is amended as noted. All other conditions of the subject remain the same.

Respectfully,

Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

BENCH MARK
(B) CITY MON., SECTION CORNER
4581.79



SEQUENCE FOR CONSTRUCTION

THE FOLLOWING SEQUENCE OF OPERATIONS STA. 72+60 TO STA. 84+50 IS REQUIRED TO MAINTAIN EXISTING WATER SERVICES.

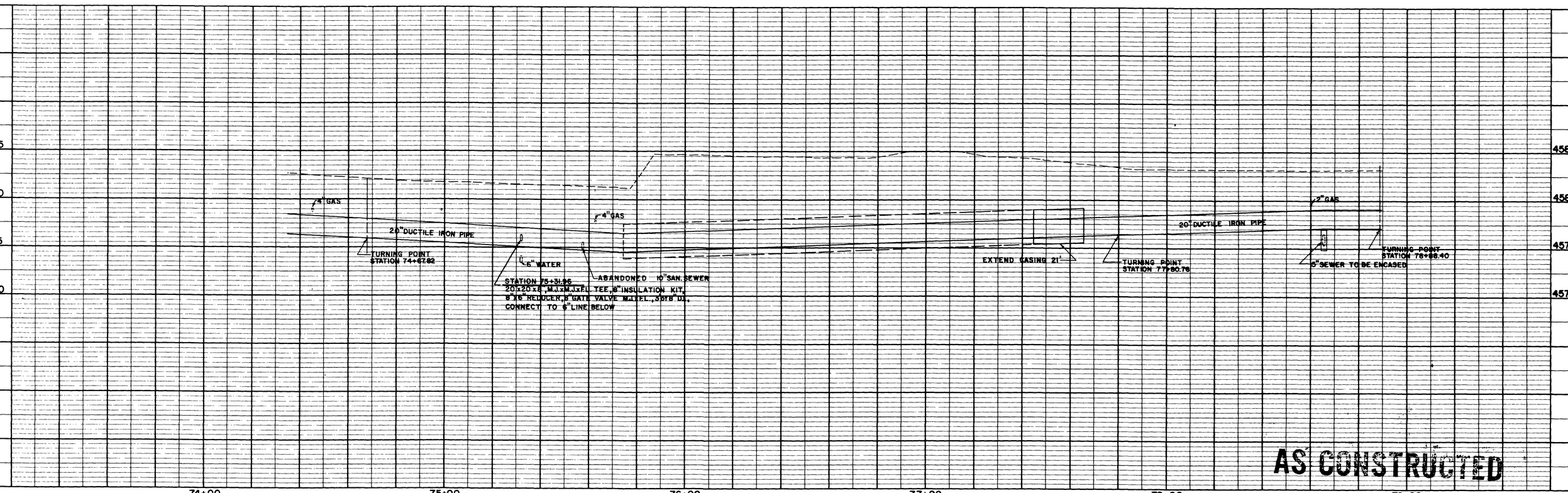
1. CLOSE 12" VALVE IN D-ROAD AND MAKE CONNECTIONS AT STA. 72+67.65 TO STA. 72+81.65. LEAVE 12" ACROSS THE RR TRACKS IN SERVICE DURING THIS WORK. AFTER NEW 12" VALVE IS INSTALLED AND CLOSED AT STA. 72+67.65 THE 12" LINE TO THE WEST CAN BE TURNED BACK ON.
2. SHUT 18" DOWN, CUT & PLUG THE 18" SOUTH OF D-ROAD AND AT STA. 79+40. CONNECT EXISTING 12" IN INTERSECTION OF 12th & D-ROAD AND 18" AT THE SOUTHEAST CORNER OF THE INTERSECTION. (WHILE THE 18" IS SHUT DOWN CITY FORCES WILL INSTALL A NEW 18" VALVE APPROX. 500' SOUTH OF THE INTERSECTION OF 12th AND D-ROAD.) PUT THE 18" BACK IN SERVICE SOUTH OF D-ROAD AND NORTH OF STA. 79+40.
3. LAY 20" TO APPROX. STA. 75+00.
4. COMPLETE RR CROSSING AND TEST PIPE UNDER TRACKS.
5. COMPLETE THE SECTION OF 20" BETWEEN STA. 75+00 AND RR CROSSING INCLUDING THE CUTTING AND PLUGGING OF THE 6" LINE AT STA. 75+32.36. THE 6" VALVE AT STA. 75+32.36 - 22' RT SHOULD BE LEFT OFF UNTIL TESTING, ETC. IS COMPLETED.
6. PROCEED LAYING 20" NORTH OF THE TRACKS TO APPROX. STA. 82+80. AT THIS TIME IT WILL BE NECESSARY TO CUT AND PLUG THE 12" AT STA. 82+50 AND PUT THE 12" BACK IN SERVICE FROM D-ROAD TO STA. 82+50 USING 6" IN PITKIN AS SUPPLY.
7. EXTEND 20" ACROSS UTE AVE. AND CONNECT TO EXISTING 12" AC. LINE AT STA. 84+50.
8. AFTER TESTING AND DISINFECTION, MAKE CONNECTIONS TO MAINS AND SERVICES AT:

STA. 75+31.96	STA. 75+32.36
STA. 79+50.5	STA. 80+54.5
STA. 80+71.4	STA. 83+86.9
STA. 84+10.4	

9. INSTALL BLIND FLANGE ON 18" OUTLET AT STA. 48+42.

NOTES:

1. Station 75+00 and 77+80 - Cut and remove 4' section of pipe, fill section under tracks with sand and plug all ends with concrete.
2. 12" Line to remain in service as long as possible.
3. Top 18" of trench along unpaved traveled areas shall be aggregate base course.



AS CONSTRUCTED

DESCRIPTION	DATE
REVISION 1 AS-BUILT	7-9-82
REVISION 2	
REVISION 3	
REVISION 4	

DRAWN BY PSF DATE 3-1-82
CHECKED BY TAB DATE 3-82
APPROVED BY WB DATE 3-82
FIELD BOOK NO. LL"14 PAGE 227-229

SCALE
PLAN HORIZ. 1"=20'
PROFILE HORIZ. 1"=20' VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

18" WATERLINE 4th Ave. & 9th St. to 12th St. & Ute Ave.
12th St. AT D&RGWRR TRACKS
CONSTRUCTION PLAN AND PROFILE

SHEET NO. 11 OF 18
FILE NO.

05011411.tif