



Purchasing Division

## **ADDENDUM NO. 3**

**DATE:** September 14, 2021  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** 2021 North Avenue Sewer Improvements Project IFB-4929-21-DH

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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.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

1. Q. Who will provide ring covers for project?
  - A. The Contractor will need to supply the (61) new ring & covers required for this project (3 are included as a part of manhole replacements). Per Section 3.3.40, Manhole ring and covers for this project shall be Castings model MH-310-24 CI. Old ring & covers should be delivered to City Shops.
2. Q. What is to be done with inverted rings and covers?
  - A. Of the (58) manholes in need of replacement of brick risers, manhole E1-281-035 is the only manhole identified as having an inverted ring & cover. The inverted ring & cover should be delivered to City Shops, and replaced with the standard MH-310-24 CI ring and cover .
3. Q. No detail is listed for the thickness of asphalt, please provide with CDOT requirements in mind.
  - A. The thickness of existing asphalt one North Ave is not exactly known, not any different than any other roadway. As stated in the meeting there have been many layers of asphalt and concrete found in previous projects.

This project will be required to install back no less than 5" in 2 compacted lifts - bottom lift 3" and top lift 2". This is normal utility patch requirements. The Construction Plans and Price Bid Schedule in Addendum #3 have been updated to reflect the 5" minimum.

4. Q. Is the City anticipating mill tailings? If so, what quantities, and provide a line item in bid form.
- A. Yes, it is anticipated that radioactive mill tailings will be encountered in the excavations. Contractor will follow City specification 203.01 to safely remove and dispose of the mill tailings. A contract line item has been added for loading and hauling of radioactive material to the City's containment facility: "Disposal of Radioactive Materials" (CY).
5. Q. Are the working hours restrictions going to be upheld?
- A. The City will coordinate with CDOT to allow Monday - Friday, 7AM-5PM daytime working hours to increase efficiency and safety. However, night work and alternative hours will be considered on a case-by-case basis.
6. Q. How are the irregular areas being treated for manholes?
- A. For manholes located in rutted sections of the roadway, the City inspector will work with the Contractor to determine any deviation from the specifications prior to the reset
7. Q. What is CDOT's recommendation for backfill of trenches?
- A. Flow-fill is specified as the structural backfill to be used in all parts of this project. Compaction testing will not required for Flow-fill.
- In any instances where flow-fill is not optimal, the Contractor may request alternate material to be used as structural backfill. Per CDOT specification 206.02, imported Class 1, 2, 3 or Flow-Fill are all options for backfill of the pipe repairs and manhole replacements, as long as the material conforms to CDOT specification 703.08. If Flow-fill is not used, compaction testing will be required.
- Should the Contractor wish to use a structural backfill other than flow-fill, it will need to meet CDOT specification, justification is needed and the Project Engineer must approve.
8. Q. Will half mile lane closures be allowed?
- A. Lane closures to be kept as short and localized as possible. Depending on how the contractor is working, no lane closures longer than 1/2 mile in length. Busy areas like 7th, 12th, 28 Road and Walmart (28 3/4 Road) intersections may need shorter lane closures and/or alternative traffic control methods if the TCP implemented in these areas becomes an issue.
9. Q. Can the City add flagging to the bid schedule?
- A. 2,880 flagging hours are already in the Bid Schedule. This accounts for approx. 7 flaggers working 8HR/Day for the duration of the project (72 calendar days = 50 working days).

- 10.Q. There are (2) Inverted Manholes in the Project. What kind of Manhole Risers should be used to replace the brick risers in these Manholes?
- A. Only (1) Inverted Manhole has been identified in the Project - Manhole E1-281-035 (#25). LadTech HDPE risers should be used to replace the brick risers in this Manhole, and the inverted ring and cover should be replaced with a standard ring and cover, see response to question #2.
11. For all manhole and riser ring replacements (except MH # E1-261-008 (#36) - out of the roadway), omit the adhesion on the top riser ring. This will be completed during CDOT's 2022 resurfacing project.
12. Insurance Certificate shall also list Colorado Department of Transportation as Additional Insured, along with listing the City of Grand Junction.
13. NOTE: Section 3.3.20 of the Solicitation requires that a Construction Schedule be provided by October 5<sup>th</sup>, and Traffic Control Plans must be submitted by October 17th (at least 2 days prior to the pre-construction meeting).
14. Contractors shall utilize the attached updated Construction Plans and the updated Price Bid Schedule when submitting their bid response.
15. Attachment: (Click Link)

[Updated Plan Set/Drawings](#)

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer  
City of Grand Junction, Colorado

## Bid Schedule: 2021 North Ave Sewer Improvements - Addendum #3

**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	102.11	Manhole Ring and Cover (Castings model MH-310-24 CI) (to be used at the (58) locations with Manhole Grade Ring Replacements) (Includes Installation)	58	EA	\$ _____	\$ _____
2	104.2	2-Way Sanitary Sewer Service Cleanout (Includes Cleanout Ring and Cover and Concrete Collar in unpaved areas) (See Std Detail SS-07)	1	EA	\$ _____	\$ _____
3	108.2	4" Sewer Service Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe, Type A Bedding and Haunching Material and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	25	LF	\$ _____	\$ _____
4	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe, Type A Bedding and Haunching Material and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	68	LF	\$ _____	\$ _____
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe, Type A Bedding and Haunching Material and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	10	LF	\$ _____	\$ _____
6	108.2	12" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe, Type A Bedding and Haunching Material and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	10	LF	\$ _____	\$ _____
7	108.2	15" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe, Type A Bedding and Haunching Material and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	30	LF	\$ _____	\$ _____

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**CONTRACTOR:** \_\_\_\_\_

Item No.	City Ref.	Description	Quantity	Units	Unit Price	Total Price
8	108.3	8" x 4" Sewer Service Tap ( Full Body Wye) (GxGxG) (Includes Wye and all fittings required to align and connect the sewer service pipe to the sewer tap) (See City Std. Detail SS-06)		1 EA	\$ _____	\$ _____
9	108.3	MaxAdapter Coupling, MAX 4 or Engineer Approved Equal (Contractor to verify existing pipe O.D corresponds with MAX 4 specifications)		1 EA	\$ _____	\$ _____
10	108.3	MaxAdapter Coupling, MAX 8 or Engineer Approved Equal (Contractor to verify existing pipe O.D corresponds with MAX 8 specifications)		18 EA	\$ _____	\$ _____
11	108.3	MaxAdapter Coupling, MAX 10 or Engineer Approved Equal (Contractor to verify existing pipe O.D corresponds with MAX 10 specifications)		2 EA	\$ _____	\$ _____
12	108.3	MaxAdapter Coupling, MAX 12 or Engineer Approved Equal (Contractor to verify existing pipe O.D corresponds with MAX 12 specifications)		1 EA	\$ _____	\$ _____
13	108.3	Fernco Coupling or Engineer Approved Equal (Contractor to verify existing pipe O.D ) (Includes rebar hoops/concrete collar, see Specification on Plans)		3 EA	\$ _____	\$ _____
14	108.3	4" 45-degree Elbow (GxG) (120 North Ave Sewer Service Re-Route)		1 EA	\$ _____	\$ _____
15	108.5	Manhole Grade Rings (LadTech HDPE or Cretex Pro-Ring) (Includes Excavation, Removal of Brick Riser Rings, Installation of HDPE Rings and Backfill with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03) (58 locations along North Ave)		66.3 Vert. Ft.	\$ _____	\$ _____

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**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
16	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes connection of adjacent sewer line, forming inverts, manhole grade rings and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	1	EA	\$ _____	\$ _____
17	108.5	Sanitary Sewer Basic Manhole (60" I.D.) (Includes connection of adjacent sewer line, forming inverts, manhole grade rings and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Backfill of Trench with Structure Backfill (Flow-fill) Material that meets CDOT Specification 206.03)	2	EA	\$ _____	\$ _____
18	108.5	Manhole Barrel Section (D>5') (60" I.D.)	11	Vert. Ft.	\$ _____	\$ _____
19	108.5	Manhole Interior Corrosion Protection (100 mils Dry Film Thickness, min.) (includes manhole surface preparation and filling in bugholes and imperfections prior to coating)	26	Vert. Ft.	\$ _____	\$ _____
20	108.7	Granular Stabilization Material (Type B) (Crushed Rock) (18" Thick Min., See Std Detail GU-03) (Includes over-excavation and haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/ft <sup>3</sup> )	38	Ton	\$ _____	\$ _____
21	202	Removal of Existing Pipe (Size & type as shown on plans)	123	LF	\$ _____	\$ _____
22	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	1.0	EA	\$ _____	\$ _____
23	202	Removal of Manhole (Price to include plugging existing abandoned pipes and removal and disposal of concrete sections)	3.0	EA	\$ _____	\$ _____
24	202	Removal of Asphalt Mat (Full Depth) (Assume 161 SY for (58) Manhole Grade Ring Replacements)	233	SY	\$ _____	\$ _____

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**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
25	202	Asphalt Removal (Planing)(Thickness Varies)(Assume 297 SY for (58) Manhole Grade Ring Replacements)	412	SY	\$ _____	\$ _____
26	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	11	SY	\$ _____	\$ _____
27	202	Removal of Landscape Ground Cover and any underlying barrier. Stockpile per Property Owner's recommendation.	15	SY	\$ _____	\$ _____
28	202	Removal of Sod	125	SF	\$ _____	\$ _____
29	203	Disposal of Radioactive Materials	73	CY	\$ _____	\$ _____
30	210	Reset Landscape Ground Cover. Contractor shall remove Ground Cover and any underlying weed barrier as needed and stockpile materials. Contractor shall reset these materials and provide additional materials as needed to restore landscaping.	15	SY	\$ _____	\$ _____
31	210	Rest Sprinkler System (Complete in Place)	2	EA	\$ _____	\$ _____
32	210	Reset Sign	1	EA	\$ _____	\$ _____
33	212	Re-Sod Area as Shown (Includes 6" Thick Imported Topsoil placed prior to sod placement)	125	SF	\$ _____	\$ _____
34	304	Aggregate Base Course (Class 6) (6" thick)	29	SY	\$ _____	\$ _____
35	401	MegaMix II with Bio-San (Invert reconstruction for (2) Manholes, assume (1) 55lb bag is sufficient)	1	EA	\$ _____	\$ _____
36	401	Cold Mix Asphalt Patching (Temporary Patching) (5" thick) (to be used on North Ave, as deemed necessary)(Assume 161 SY for (58) Manhole Grade Ring Replacements)	233	SY	\$ _____	\$ _____

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**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
37	401	Hot Bituminous Pavement (5" Thick) (Grading SX, Binder Grade PG 64-22)(GYR.=75) (Bottom 3" Lift, Top 2" Lift) (Assume 161 SY for (58) Manhole Grade Ring Replacements)	233	SY	\$ _____	\$ _____
38	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, Binder Grade PG 64-22, GYR.=75) (One 2" Lift Top Mat) (T-Top Patch) (See City Std. Detail GU-03) (Assume 316 SY for (58) Manhole Grade Ring Replacements)	431	SY	\$ _____	\$ _____
39	608	Concrete Sidewalk (4" Thick)	5	SY	\$ _____	\$ _____
40	608	Concrete Curb and Gutter (2' Wide)	10	LF	\$ _____	\$ _____
41	608	Uncolored Concrete (6" Thick)	3	SY		
42	620	Portable Sanitary Facility	2	EA	\$ _____	\$ _____
43	625	Construction Surveying (Includes As-Built Drawings)	1	Lump Sum	\$ _____	\$ _____
44	626	Mobilization	1	Lump Sum	\$ _____	\$ _____
45	630	Flagging	2,880	HR	\$ _____	\$ _____
46	630	Traffic Control (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
47	Pump	Bypass Sewage Pumping (As deemed necessary by City or Contractor)	1	Lump Sum	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ <u>30,000.00</u>
<b>Total Amount:</b>					<b>\$</b>	<b>_____</b>

**Total Amount:**

**dollars**