



Purchasing Division

## **ADDENDUM NO. 2**

**DATE: June 22, 2022**  
**FROM: City of Grand Junction Purchasing Division**  
**TO: All Offerors**  
**RE: 2022 Sewer Replacement – Unawep Avenue Project IFB-5088-22-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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.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. Will HDPE manhole risers be required on new/old sewer manholes?
  - A. HDPE manhole risers (LadTech) are required on new manhole installations
2. Q. Will tracer wire be required?
  - A. No tracer wire for Sanitary Sewer. Tracer wire required on waterline.
3. Q. Is bid item #67A to include the 4" sewer pipe, connect to existing and cleanout assy's?
  - A. Yes, replace existing 8" x 4" Wye and continue 4" laterally out of Right-of-way and install sewer cleanout behind curb, sidewalk, or property line.
4. Q. Bid item #68 says 18" storm but the plans show 12"?
  - A. Install 18" Storm sewer pipe, the smallest diameter by city standard, CDOT standard. We will correct drawings with a revision.
5. Q. Bid item A1-15 says qty 15 but plans show no services?
  - A. No video was available at the time drawings were released, estimate quantity 15 in bid.
6. Q. Bid item A2-73 says qty 10 but plans show 7 (3-6" & 4-4")?
  - A. Use quantity of 10 for bid.
7. Q. Bid item A2-77 says qty 5 but page 92 (2" line) shows no services?
  - A. Price with quantity 5. This is to be used in the case poor waterline pipe service is encountered and it needs to be replaced back to the curb stop

8. Q. Plan page 90 shows a 6x4 tee going to a fire hydrant, should this be a 6x6 tee? Assuming the GV and FH are incidental to the 6" pipe bid item #A2-68, no separate bid item(s).
- A. Needs to be 6" x 6" "T" then downstream, is a 6" x 4" reducer to continue service to the North.
9. Q. Can you verify that 15x12 sewer reducers will be needed for the connection on all the existing MH's for the new 15" sewer line, since what I assume is 12" pipe out of all the manholes?
- A. No reducers, include price to replace 3 manholes. (see attached updated Bid Schedule Form)
10. Q. Will Max Adapters be accepted for all the connect to existing 12" pipe and smaller?
- A. Yes, 12" Max adapters are acceptable with Stainless steel collars and stainless steel pipe bands and
11. Q. Since Max doesn't make an OD range to fit 15" SDR35 x Truss/Clay, will a regular Fernco rubber coupling be accepted for connecting to existing 15" pipe? Or does the rubber coupling need to be a "strongback/sheer" with the SS plating on it?
- A. Ø15" Fernco type with the additional Stainless-Steel Collar will be required
12. Q. In the pre-bid meeting, it was said that the contractor could expect "high-flow" of the sewer line in 27 rd. My question is, does the City know the flow rate of any of the sewer lines within any of the 11 roads in the project limits?
- A. The City does not have flow records of these exact sewer lines. The City has estimated flows based on measured flow depth in the manholes at the estimated peak loading times for the area, (between 7 and 8 AM during dry weather). Estimated Dry Weather flows are listed in Attachment A. The sewer in the project area has significant inflow and infiltration during rain events and can see Wet Weather Peak flows as high as 200% of Dry Weather Peak flows during a large rain event. Any bypass pumping plans will need to be reviewed by the project engineer prior to bypass pumping. Determination of the sewer flows will ultimately be the contractor's responsibility or their bypass pumping subcontractor for determining what the flows are and what size pumps needed.
13. Contractor shall utilize the attached updated Addendum 2 Bid Schedule when submitting their bid response to this solicitation.

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

All other conditions of subject remain the same.

Respectfully,

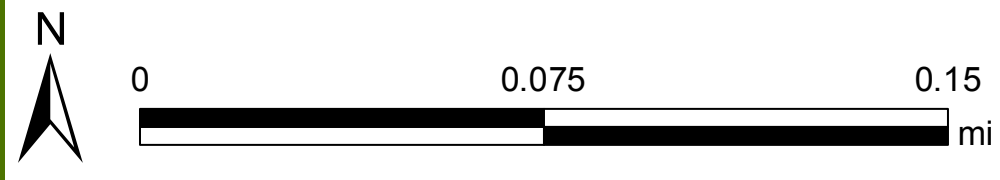


Duane Hoff Jr., Contract Administrator  
City of Grand Junction, Colorado



# Attachment A - Estimated Dry Weather Peak Flows

Depths/ Estimated Flows taken  
7-8AM on Tuesday, June 22, 2021



1 inch = 188 feet



## ADDENDUM 2 - Bid Schedule: 2022 Sewer Replacements - Unawweep Ave

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

### Base Bid

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
5A	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	9,437	LF	\$ _____	\$ _____
7	108.2	12" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	10	LF	\$ _____	\$ _____
21	108.5	Sewer Basic Manhole (48" I.D.) (Includes connection of adjacent sewer line, forming inverts and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	1	EA	\$ _____	\$ _____
22	108.5	Manhole Barrel Section (D>5') (48" I.D.)	4	Vert. Ft.	\$ _____	\$ _____
23	108.5	Storm Sewer Basic Manhole (60" I.D.) (Includes connection of adjacent sewer line, forming inverts and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	1	EA	\$ _____	\$ _____
24	108.5	Manhole Barrel Section (D>5') (60" I.D.)	8	Vert. Ft.	\$ _____	\$ _____
26A	202	Removal of Existing Pipe (Size & type as shown on plans)	9,437	LF	\$ _____	\$ _____
27	202	Removal of Manhole (Price to include plugging existing abandoned pipes and removal and disposal of concrete sections)	1	EA	\$ _____	\$ _____
31A	202	Removal of Asphalt Mat (Full Depth)	1,049	SY	\$ _____	\$ _____
34A	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)	265	SY	\$ _____	\$ _____

39A	210	Reset Fence (Height and Material Shown on Plan)	10	LF	\$ _____	\$ _____
40	210	Reset/Repair Sprinkler System (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
41	210	Reset Irrigation Pipe (PVC Irrigation Pipe) (Includes pipe, fittings, equipment, materials, and labor to relocate irrigation pipe)	1	Lump Sum	\$ _____	\$ _____
47A	304	Aggregate Base Course (Class 6) (6" thick)	1,048	SY	\$ _____	\$ _____
51A	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)	3,145	SY	\$ _____	\$ _____
56	608.06	Concrete Drainage Pan (6' Wide)	45	SY	\$ _____	\$ _____
57A	608/304	Monolithic Vertical Curb, Gutter, and Sidewalk (7-ft wide)	220	SY	\$ _____	\$ _____
61A	Pump	Bypass Sewage Pumping (As deemed necessary by City or Contractor)	1	Lump Sum	\$ _____	\$ _____
62A	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit) (if needed)	1	Lump Sum	\$ _____	\$ _____
63	620	Portable Sanitary Facility	1	Lump Sum	\$ _____	\$ _____
64	625	Construction Surveying (Includes As-Built Drawings)	1	Lump Sum	\$ _____	\$ _____
65	626	Mobilization	1	Lump Sum	\$ _____	\$ _____
66A	630	Traffic Control (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
67A	108.3	8" x 4" Sewer Service Tap, Full Body WYE (See St. Detail SS-06)	162	EA	\$ _____	\$ _____
68	102.10a	18" Gravity Storm Sewer Pipe (RCP) (Includes cost of connection to the existing sewer pipe and Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	346	LF	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ <u>100,000.00</u>

Base Bid Total \$ \_\_\_\_\_

Base Bid Total Written: \_\_\_\_\_

## ADDENDUM 2 - Add Alternate 1

A1-8	108.2	15" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	999	LF	\$ _____	\$ _____
A1-15	108.3	15" x 4" Sewer Service Tap, Full Body WYE (See St. Detail SS-06)	15	EA	\$ _____	\$ _____
A1-26	202	Removal of Existing Pipe (Size & type as shown on plans)	999	LF	\$ _____	\$ _____
A1-31	202	Removal of Asphalt Mat (Full Depth)	97	SY	\$ _____	\$ _____
A1-40	210	Reset/Repair Sprinkler System (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
A1-41	210	Reset Irrigation Pipe (PVC Irrigation Pipe) (Includes pipe, fittings, equipment, materials, and labor to relocate irrigation pipe)	1	Lump Sum	\$ _____	\$ _____
A1-47	304	Aggregate Base Course (Class 6) (6" thick)	97	SY	\$ _____	\$ _____
A1-51	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)	96	SY	\$ _____	\$ _____
A1-61	Pump	Bypass Sewage Pumping (As deemed necessary by City or Contractor)	1	Lump Sum	\$ _____	\$ _____
A1-62	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit) (if needed)	1	Lump Sum	\$ _____	\$ _____
A1-63	620	Portable Sanitary Facility	1	Lump Sum	\$ _____	\$ _____
A1-64	625	Construction Surveying (Includes As-Built Drawings)	1	Lump Sum	\$ _____	\$ _____
A1-66	630	Traffic Control (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
A1-68	108.5	<b>Sewer Basic Manhole (48" I.D.) (Includes connection of adjacent sewer line, forming inverts and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)</b>	<b>3</b>	<b>EA</b>	<b>\$ _____</b>	<b>\$ _____</b>
A1-69	108.5	<b>Manhole Barrel Section (D&gt;5') (48" I.D.)</b>	<b>45</b>	<b>Vert. Ft.</b>	<b>\$ _____</b>	<b>\$ _____</b>
A1-70	202	<b>Removal of Manhole (Price to include plugging existing abandoned pipes and removal and disposal of concrete sections)</b>	<b>3</b>	<b>EA</b>	<b>\$ _____</b>	<b>\$ _____</b>

Alternate 1 Total \$ \_\_\_\_\_

Alternate 1 Total Written: \_\_\_\_\_

## ADDENDUM 2 - Add Alternate 2

A2-4	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	6,286	LF	\$ _____	\$ _____
A2-20	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes connection of adjacent sewer line, forming inverts and adjusting to final grade. See City Std. Detail SS-02) (Includes Type A Bedding and Haunching Material and Backfill of Trench with Class 3 Imported Trench Backfill Material)	3	EA	\$ _____	\$ _____
A2-21	108.5	Manhole Barrel Section (D>5') (48" I.D.)	27	Vert. Ft.	\$ _____	\$ _____
A2-22	202	Removal of Manhole (Price to include plugging existing abandoned pipes and removal and disposal of concrete sections)	3	EA	\$ _____	\$ _____
A2-25	202	Removal of Existing Pipe (Size & type as shown on plans)	6,286	LF	\$ _____	\$ _____
A2-30	202	Removal of Asphalt Mat (Full Depth)	699	SY	\$ _____	\$ _____
A2-33	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)	190	SY	\$ _____	\$ _____
A2-39	210	Reset/Repair Sprinkler System (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
A2-40	210	Reset Irrigation Pipe (PVC Irrigation Pipe) (Includes pipe, fittings, equipment, materials, and labor to relocate irrigation pipe)	1	Lump Sum	\$ _____	\$ _____
A2-46	304	Aggregate Base Course (Class 6) (6" thick)	699	SY	\$ _____	\$ _____
A2-50	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)	2,096	SY	\$ _____	\$ _____
A2-55	608.06	Concrete Drainage Pan (6' Wide)	30	SY	\$ _____	\$ _____
A2-56	608/304	Monolithic Vertical Curb, Gutter, and Sidewalk (7-ft wide)	160	SY	\$ _____	\$ _____
A2-58	630	Bore for Ø2" Water Main	192	LF	\$ _____	\$ _____

A2-60	Pump	Bypass Sewage Pumping (As deemed necessary by City or Contractor)	1	Lump Sum	\$ _____	\$ _____
A2-61	211	Dewatering (Includes acquiring a CDPHE Dewatering Permit and adhering to the discharge requirements of the State Permit) (if needed)	1	Lump Sum	\$ _____	\$ _____
A2-62	620	Portable Sanitary Facility	1	Lump Sum	\$ _____	\$ _____
A2-63	625	Construction Surveying (Includes As-Built Drawings)	1	Lump Sum	\$ _____	\$ _____
A2-65	630	Traffic Control (Complete in Place)	1	Lump Sum	\$ _____	\$ _____
A2-66	108.3	8" x 4" Sewer Service Tap, Full Body WYE (See St. Detail SS-06)	88	EA	\$ _____	\$ _____
A2-67	102.7b	Water Main Ø4" C-900 PVC (DR25)	208.	LF	\$ _____	\$ _____
A2-68	102.7b	Water Main Ø6" C-900 PVC (DR25)	387.	LF	\$ _____	\$ _____
A2-69	102.7a	<b>Water "T" 6" x 6"</b>	2.	EA	\$ _____	\$ _____
A2-70	102.7a	Water Reducer 6" x 4"	1.	EA	\$ _____	\$ _____
A2-71	102.7c	Water Main Ø2" Purecore HDPE (includes cost of connection to existing main lines, potholing, backfill with Class 3 Imported Materials)	170.	LF	\$ _____	\$ _____
A2-72	102.8i	Electrical Tracing Wire	765.	LF	\$ _____	\$ _____
A2-73	102.8k	Water Service Line Reconnection (Includes tap on main water line and reconnection to copper service (≤Ø2"))	10.	EA	\$ _____	\$ _____
A2-74	102.7a	Elbow 45° x 6"	2.	EA	\$ _____	\$ _____
A2-75	102.7a	Water Reducer 4" x 2"	1.	EA	\$ _____	\$ _____
A2-76	102.7a	Elbow 45° x 4"	2.	EA	\$ _____	\$ _____
A2-77	102.7c	Water Service Line replace Tap to Curb stop (≤Ø2" Type K Copper) (Includes cost of connection to the existing water line and Type A bedding and Haunching material and backfill of trench with Class 3 Imported Material)	5.	EA	\$ _____	\$ _____
Alternate 2 Total \$					_____	
Alternate 2 Total Written: _____						

**Total Bid Amount \$	_____
Total Bid Amount Written:	_____

\*\*Total Bid Amount shall include "Base Bid", "Add Alternate 1" & "Add Alternate 2"