

October 19, 2023

ADDENDUM NO. 1 (DOCUMENT 00 91 13)
2024 Sewer Lining Project – Project No. 52-40-755

Attached are copies of Addendum no. 1.

In case of any conflicts between the drawings, specifications, and the attached Addendum, the Addendum shall govern.

Addendum 1 replaces the entire Bid Schedule and the entire Measurement and Payment for the project.

This Addendum is hereby attached to and made part of the Contract Documents and each Bidder shall acknowledge receipt of this Addendum in this Bid.

The Addendum consists of 10 pages.

Sincerely,



Eric Casperson, PE
City Engineer

Attachments

cc: Rian Santoro
Joyce Pierson

DOCUMENT 00 91 13
ADDENDUM No. 1

PART 1 GENERAL

1.1 DOCUMENT INCLUDES

A. New Bid Schedule and Measurement and Payment

1.2 CONSTRUCTION CONTRACT

A. 2024 Sewer Lining Project – Project No. 52-40-755

PART 2 CHANGES

2.1 CHANGES TO PRIOR ADDENDA

A. None

2.2 CHANGES TO BIDDING REQUIREMENTS

A. None

2.3 CHANGES TO AGREEMENT AND OTHER CONTRACT FORMS

A. Replace Entire Bid Schedule and Measurement and Payment

2.4 CHANGES TO CONDITIONS OF THE CONTRACT

A. None

2.5 CHANGES TO SPECIFICATIONS

A. None

2.6 CHANGE TO DRAWINGS

A. None

END OF ADDENDUM NO. 1

**BID SCHEDULE
NORTH OGDEN CITY
2024 SEWER LINING PROJECT - PROJECT NO 52-40-755**

CONTRACTOR: _____

BASE BID

Item #	M&P Reference*	Bid Item Description	Estimated Quantity	Unit	Unit Price**	Bid Price
1	MP001	Mobilization	1	LS	\$	\$
2	MP002	Traffic Control	1	LS	\$	\$
3	MP003	Install 8" CIPP Liner	7,400	LF	\$	\$
4	MP003	Install 15" CIPP Liner	125	LF	\$	\$
5	MP003	Install 18" CIPP Liner	160	LF	\$	\$
6	MP003	Install 21" CIPP Liner	500	LF	\$	\$
7	MP004	Sewer Service Lateral Connections	138	EA	\$	\$

Total Base Bid (Items# 1-6): \$ _____

*To go directly to Measurement and Payment click here.

**Unit Price shall contain no more than 2 decimal points (e.g., \$0.00)

**SECTION 01 11 01
MEASUREMENT AND PAYMENT**

PART 1 GENERAL

1.1 SCOPE

- A. Payment for the various items of the Bid Schedule, shall include all compensation to be received by Contractor for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the Work all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of compliance with the regulations of Owner and public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). No separate payment will be made for any item that is not specifically set forth in the Bid Schedule, and all costs therefore shall be included in the prices named in the Bid Schedule for the various appurtenant items of work.
- B. Contractor shall provide a breakdown of all lump sum bid items into the individual line items relating to the lump sum task, as specified by Engineer, prior to Notice to Proceed.
- C. No additional payment will be made for rock excavation.

1.2 SECTION INCLUDES

- A. Measurement and payment criteria applicable to portions of the Work performed under a unit price payment method.
- B. Defect assessment and non-payment for rejected work.

1.3 AUTHORITY

- A. Engineer will take all measurements and compute quantities accordingly.
- B. Assist by providing necessary equipment, workers, and survey personnel as required.

1.4 UNIT QUANTITIES SPECIFIED

- A. Quantities and measurements indicated in the Contract Documents are for bidding and Contract purposes only. Quantities and measurements supplied or placed in the Work and verified by Engineer shall determine payment.
- B. If the actual Work requires more or fewer quantities than those quantities indicated, Contractor shall provide the required quantities at the unit sum/prices contained within the Bid Schedule.

1.5 MEASUREMENT OF QUANTITIES

- A. Measurements, unless specified otherwise, shall be interpreted to mean:

- | | |
|-------------------|---|
| 1. Lump Sum (ls): | Completion of the item as a whole. Measurement of quantities in the field is not required. Payment will be based on the percentage of work completed. |
|-------------------|---|

2. Each (ea): Completion of item individually. Measurement of quantities in the field.
3. Weight (ton): By Weight: Verification of tonnage shall be documented by delivery tickets supplied by the Contractor to the City. All tickets shall indicate the Owner's name, date, type material, truck number, project location, project number, gross weight and net weight of each material. Delivery tickets are to be turned in with all applicable pay requests. Weigh Scales: Inspected, tested and certified by the applicable State Weights and Measures department within the past year. Platform Scales: Of sufficient size and capacity to accommodate the conveying vehicle. Metering Devices: Inspected, tested and certified by the applicable State department within the past year. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
4. Length
lineal feet (lf): Measured along the centerline or mean chord in the field, top back of curb for curb and gutter or unless otherwise indicated. For pipe measurements there will be no deduction in length for structures.
5. Volume
cubic foot (cf), cubic yard (cy): Measured by cubic dimension using mean length, width and height or thickness.
- Measurement shall be based upon the establishment of a known quantity agreed upon by the City (eg. known cubic yardage of a dump truck), use of the same measuring device established throughout the work performed, filled to the same location and counted thereafter. Verification of quantity shall be documented by the Contractor to the City inspection representative. Documentation shall indicate the Owner's name, date, type material excavated, truck number, project location, project number and percent filled based upon full capacity.
7. Area Measurement by Area: Measured by square dimension

square foot (sf), using mean length and width or radius.
square yard (sy), Acre (ac):

1.6 INCIDENTAL WORK

- A. No separate measurement or payment for incidental work.
- B. Incidental Work: Any work, materials or equipment that may be reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result will be supplied by Contractor at no additional cost to Owner whether or not specifically referenced.
- C. Damaged Areas: Areas damaged or disturbed by Contractor as a result of Contractor's failure to confine work activities or protect existing improvements shall not be included in the measurement to be eligible for payment.

1.7 PAYMENT

- A. Unless specified otherwise in the bid item, payment shall include and be full compensation for the following:
1. Mobilization
 2. Traffic control
 3. Labor
 4. Equipment
 5. Tools
 6. Materials
 7. Products
 8. Transportation of Materials (including loading, hauling, unloading)
 9. Services and incidentals
 10. Application or installation to render item complete as shown on Drawings, including those items that may not be specifically stated or shown but that are required to render the item complete
 11. Following manufacturer's requirements for installation
 12. Protection of existing utilities
 13. Coordination with and notification to residents / businesses for construction
 14. Coordination with Owner's representative(s)
 15. Compliance with all local, State, and Federal safety requirements
 16. Disposal and other fees
 17. Dust control
 18. Cleanup following completion of the item
 19. Testing
 20. Compaction
 21. Overhead and profit
 22. Applicable taxes, fees, bonds, and insurance
 23. Restoration of damaged improvements
 24. Completion of record drawings (to be provided to City Engineer)

- B. Final payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities accepted by Engineer multiplied by the unit sum/price for Work which is incorporated in or made necessary by the Work.

1.8 **ACRONYMS**

- A. The following is a list of the most used acronyms related to bid items. This is not meant to be an exhaustive list.
- | | |
|----------|---|
| 1. UTBC | Untreated Base Course |
| 2. HMA | Hot Mix Asphalt |
| 3. TBC | Top back of Curb |
| 4. GB | Granular Borrow |
| 5. ADA | Americans with Disabilities Act |
| 6. HVAC | Heating/Ventilation/Air Conditioning |
| 7. SCADA | Supervisory Control and Data Acquisition |
| 8. UPDES | Utah Pollutant Discharge Elimination System |

1.9 DESCRIPTION OF BID ITEM

M&P Reference	Bid Item	Unit	Payment Includes	Notes
MP001	Mobilization	LS	All costs associated with mobilizing and demobilizing equipment and materials to and from the project site, mobilization, demobilization, establishment of offices, buildings, all OSHA required safety measures, sanitation, and other facilities necessary for the Work, bonds, snow removal, dust control, fees, permits (not specified as paid for elsewhere), administrative services, construction notifications, identifying and marking of construction limits and all costs associated with the Work that are not included in other bid items. Payment shall be as follows: Percent of Original Contract Amount (Completed) --> Percent of Mobilization to be (Paid): 5% --> 50%, 25% --> 25%, 75% --> 25%	

MP002	Traffic Control	LS	All traffic control needed on the job. Includes state and local permitting, sub-contractor mobilization, barricades, traffic signs, portable construction message boards, flaggers, other channelizing devices, and all other measures needed to channel traffic and to protect construction personnel and the public (vehicular and pedestrian) from harm resulting from any construction activities. Necessary notifications to public transportation and emergency service agencies with appropriate notice. Maintain reasonable continuous vehicular and pedestrian access for local residents/businesses throughout the duration of the project, including any notifications needed to communicate construction activities to the local residents/businesses. Preparation and on-going modification of a traffic control plan.	
--------------	-----------------	----	---	--

MP003	Install CIPP Liner Bid Items	LF	The Measure and Payment described below are applied to the following Bid Items: Bid Item No. 3 – Install 8” CIPP Liner Bid Item No. 4 – Install 15” CIPP Liner Bid Item No. 5 – Install 18” CIPP Liner Bid Item No. 6 – Install 21” CIPP Liner Measurement: Install Cured-in-Place Pipe (CIPP) Liner shall be paid for on a unit price per installed linear foot as measured along the longitudinal axis of the pipe to the nearest foot from center to center of manholes and structures. Payment: Payment for this work includes all materials, labor, and equipment costs associated with pre-liner, liner and resin manufacture, all processes (cleaning, grit, root, calcification removal) preparation, insertion of the pre-liner, insertion of the CIPP liner, connections at transitions, manholes and access structures, excavations required for CIPP insertion, removal of cured liner in manholes and terminations, water, curing and testing of the line, inspection, cleaning, certifications and other items of work as necessary to produce a continuous rehabilitated lined sewer in accordance with the Contract Documents and the manufacturer’s recommendations. Payment shall also include all items associated with the bypass system, including but not limited to labor, materials, equipment, suction, and discharge pits, removal, and restoration of existing improvements, locating, and bypassing sewer laterals, pumps, temporary piping, fuel steel plating, security, and all other items of work necessary to bypass sanitary sewer flows in their entirety around the construction zone to facilitate cleaning, inspection and rehabilitation of the sewer pipe, completion of all manhole and structure work, and inspection of the completed works, etc. Payment shall also include all traffic control permits, devices, setup, inspections, maintenance and removal required to complete the Work.	
-------	------------------------------------	----	---	--

MP003 (cont.)	Install CIPP Liner Bid Items	LF	Payment shall also include all costs associated with mobilization and demobilization to the various project sites, equipment and crew transportation between the various project sites. Payment shall also be compensation in full for all labor, equipment and materials as required to perform the requirements included for outreach to the public including meetings, door hangars, flyers, mailers, project hotline, research, and other measures as required by North Ogden City. Costs associated with pre and post CCTV video inspection and submittals in accordance with the Contract Documents, shall be included in the price per linear foot for Install CIPP Liner. Costs associated with pre and post CIPP cleaning of sanitary sewer pipe including all labor, materials, equipment, submittals, and costs associated with cleaning project pipes, removal of sediment, sediment disposal, permit fees, water for cleaning, etc. in accordance with the requirements of the Contract Documents and as necessary to rehabilitate the sewer using CIPP shall be included in the price per linear foot for Install CIPP Liner.	
MP004	Reconnect Existing Sewer Laterals	EA	Measurement: Reconnect Existing Service Lateral in compliance with the Contract Documents shall be paid for on a unit price basis for each service tap that is reinstated. Payment: Payment shall be full compensation for all labor, materials, and equipment required for removal of the CIPP coupon, brushing and polishing of the lateral cut edge, and reinstatement of the existing sewer lateral. Costs associated with excavation and locating service laterals for reinstatement shall be included in the unit price per each for Reconnect Existing Service Lateral. Reconnection of existing sewer laterals with new service taps to the main are also included in this item of work including excavation, shoring, dewatering, pipe, bedding, grading, backfill, compaction, connection, asphalt removal and replacement etc.	

END OF SECTION