

TULSA METROPOLITAN UTILITY AUTHORITY

9319 E. 42nd Street North

Tulsa, Oklahoma 74115

March 27, 2023

**ADDENDUM NO. 1
TO
PROJECT NO. TMUA ES-2023-SOM4
CLEANING AND VIDEO INSPECTION OF SANITARY SEWER SYSTEM**

This Addendum No. 1, consisting of two (2) items, submitted by TMUA, is hereby made a part of the Contract Documents to the same extent as though it were originally included therein, and shall supersede anything contained in the Plans and Specification with which it might conflict. **This Addendum shall be attached to the Index Sheet of the Contract Documents and submitted with bid. Contractor must also write in Addendum 1 on bottom of last page of Bid Proposal and date of receipt. Failure to do so shall result in the bid being deemed non-responsive.**

This Addendum No. 1 consists of the following items:

Item 1: Replace Bid Proposal

Delete the existing Bid Proposal in its entirety and replace with the revised Bid Proposal found at <https://www.cityoftulsa.org/government/departments/engineering-services/construction-bids/>. It is the Bidder's responsibility to download the revised Bid Proposal onto their existing thumb drive. A summary of the changes to the Bid Proposal are as follows.

1. Bid Item No. 5 is modified to Raise Manhole to Grade between 0'-6".
2. Bid Item No. 6 is modified to Raise Manhole to Grade between 6"-16".
3. Bid Item No. 7 has been removed.

Item 2: Delete and Replace Section 306 with the following:

306 RAISE MANHOLES TO GRADE

306.1 The Contractor shall perform this work on such manholes as recommended in writing by the Authority's Representative. The request for such work shall originate from Contractor-submitted forms. Said work shall be performed on manholes so that the finished-to-grade lid to top of corbel distance is less than 16 inches.

- A. Manhole lid elevation adjustments of less than 6” shall be completed using metal adjustment rings. Trowleable bitumastic shall be used between each ring and between the bottom ring and the manhole frame. No more than two metal adjustment rings may be used on one manhole. Metal adjustment rings will be provided to the contractor by the City.
- B. Manhole lid elevation adjustments from 6” to 16” shall be completed using plastic riser rings manufactured by Cretex or approved equal. The Contractor shall seal between riser rings and between the top riser ring and the frame (casting) per the riser ring manufacturer’s instruction. The bottom riser ring shall be sealed to the manhole using trowelable bitumastic at a 1/2” nominal thickness (alternatively, this seal may be completed with two rings of bitumastic rope or two rings of M1 adhesive as approved by the Engineer). The outside of the riser rings and frame (from the lower frame flange to 6” below the bottom riser ring) shall have trowelable bitumastic applied and subsequently be wrapped with 6 mil plastic. Riser rings will be provided to the contractor by the City.

306.2 Measurement: The length of the raise shall be determined by measuring from the top of the manhole structure to the top of the manhole rim before work commences and again after the manhole has been raised and taking the difference of the two measurements.

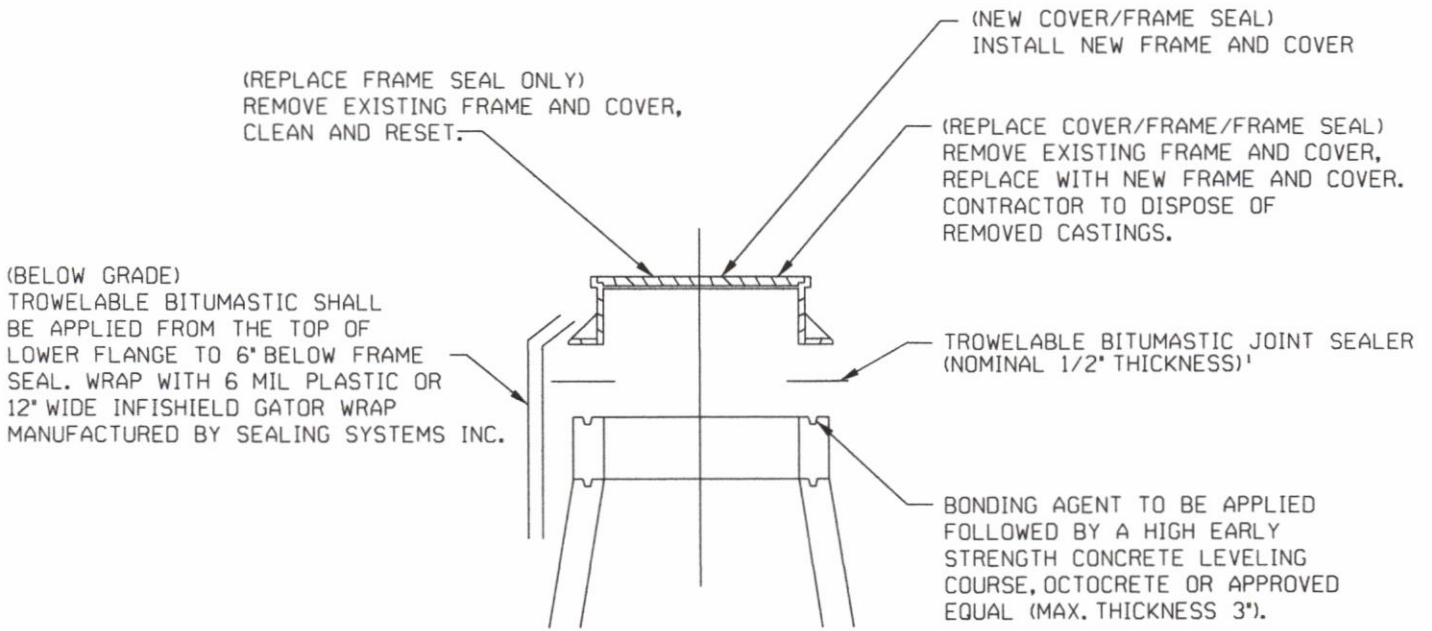
306.3 Payment shall be based on the unit price bid specified in the proposal for each manhole raise. The Authority's Representative shall approve each raise manhole to grade prior to work commencing. Other items shall be considered incidental work and the cost thereof shall be included in such contract pay items as are provided in the proposal. Raise Manhole to Grade work shall be verified by visual observation and approved for payment upon receipt of completed “Raise Manhole to Grade” work report. Forms shall be submitted to Authority’s representative with seven (7) business days after Raise Manhole to Grade work is performed.

Shawn Glen
Division Manager
Sewer Operations & Maintenance



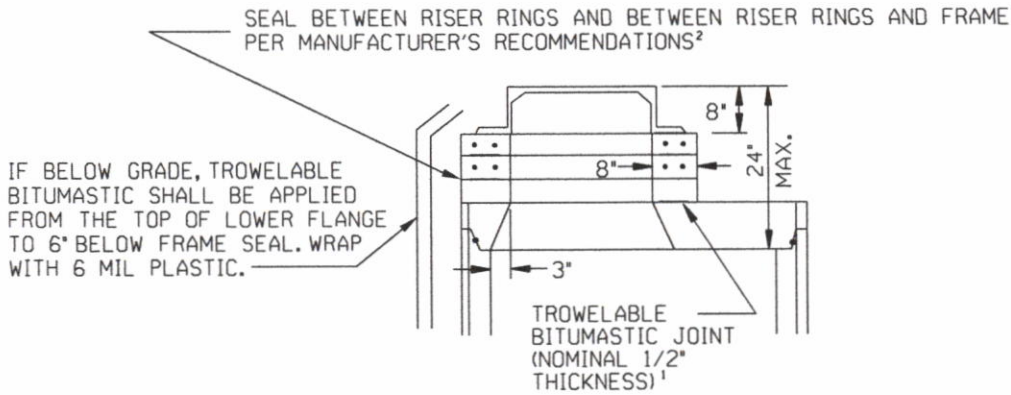
SG/lcw

Attachment: City of Tulsa Standard Drawing No. 402 – 1-page



TYPICAL COVER, FRAME, AND FRAME SEAL DETAIL

NOT TO SCALE



TYPICAL COVER, FRAME, AND FRAME SEAL DETAIL W/RISER RINGS

NOT TO SCALE

NOTES:

- 1 ALTERNATIVELY, FOR FRAME TO MANHOLE OR RISER RING TO MANHOLE, TWO RINGS OF BITUMASTIC ROPE OR M1 ADHESIVE MAY BE USED IN LIEU OF TROWABLE BITUMASTIC AS APPROVED BY THE ENGINEER
- 2 RISER RINGS SHALL BE PLASTIC RINGS MANUFACTURED BY CRETEX OR APPROVED EQUAL. CONCRETE RINGS SHALL NOT BE USED UNLESS APPROVED BY ENGINEER

COVER, FRAME, AND FRAME SEAL	
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT	
DRAWN BY: J.B.H. CHECKED BY: DATE: MARCH 2023	APPROVED
NOT TO SCALE	STANDARD NO. 402