

SPECIAL PROVISIONS
SUPPLEMENTAL CONTRACT REQUIREMENTS

1. SCOPE: Contractor shall provide all labor, tools, equipment and materials to perform the work necessary to complete the Manhole Rehabilitation work as designated on the Plan Sheet Index. Any deviation from the methods described on the Plan Sheet Index shall be approved in advance by the Authority. All work on the project must be completed within **455** days.
2. Successful Contractor shall return fully executed contract documents (including bonds and insurance) to the City of Tulsa, Contract Administration Section, 9319 E. 42 St. N. within two weeks after the bid award is approved.
3. All vehicles to be used by Contractor in performance of work under this project shall bear signs with the following wording:

COMPANY NAME
Contractor for City of Tulsa
Sanitary Sewer Rehabilitation Project
For Information Call 918-586-6984

The signs shall be posted in conspicuous location, one on each side of the truck, as a minimum. Signs and lettering shall be of a size which may be read from a distance of 50 feet. Signs must be approved by Authority's representative prior to commencement of work. In addition, all employees must have company identification with them such as identification badges verifying employment by the Contractor.

4. Bid item 2 is for Digital Photographic Documentation and Contractor must take a minimum of six (6) digital photos before work begins at the jobsite and a minimum of six (6) digital photos after the job is completed.
5. Complete manhole replacement and Type C Repair (replace cover/frame/frame seal/chimney) shall include 30" openings with frames, tops and covers for 30" opening.
6. **During any manhole replacement or chimney and top replacement on manholes elevated greater than 2', Contractor shall use new flood plain manhole specification, (see drawing). Bollards and concrete pad shall not be installed if the elevated manhole is in a residential or business yard that would be mowed with a regular mower.**
7. Contractor shall use Cretex Pro-Ring round manhole adjustment rings instead of concrete raising rings on any manhole adjustments or installations. The Pro-Rings shall be sealed to the concrete section of the manhole and to the manhole casting with Cretex M-1 Adhesive. If multiple Pro-Rings are used, Contractor shall seal between each ring as well. Angled rings shall be used to match the incline of the surrounding area. Any deviation using Cretex Pro-Ring adjustment rings must be approved in advance by the Authority's Representative.

8. Bid item **5, 9, 20 and 24 are for Complete Drop Manhole Replacement.** The Entire Drop must be replaced with the manhole. Where the collection line is ductile iron pipe (D.I.P), the External Drop shall be replaced with a new D.I.P. drop. Where the collection line is polyvinyl chloride (PVC), the External Drop shall be SD 26 PVC. Where the collection line is Vitrified Clay tile Pipe, (V.C.P.), the External Drop shall be replaced with VCP pipe. External Drop Replacement on lines with H.D.P.E. pipe shall be replaced with new High-Density Polyethylene (H.D.P.E.) pipe and fused H.D.P.E. fittings. Contractor shall electro-fuse a 90-degree bend, a fused “tee” and H.D.P.E. pipe for the drop replacement. Where the collection line is none of the above pipe types, Authority’s Representative will determine material type for External Drop.
9. Contractors with “C” certification from the City of Tulsa may choose to perform pavement restoration instead of utilizing the paving cut process. For pavement restoration following sewer work, contractor shall perform backfill in accordance with standard Engineering specifications. Contractors without “C” certification shall be required to obtain a paving cut permit and pay for both paving cut permit and the paving cut. Cost of the paving cut permit and restoration is considered incidental and shall be included in the cost of the repair.
10. Contractor shall complete and submit to the Inspector within two (2) working days a Manhole Rehabilitation Work Report for each location on the City designated form that details the work performed, materials used and specific sewer line reconnection information. Any paperwork submitted to the Authority which is inaccurate or incomplete must be corrected and resubmitted by the Contractor within three (3) business days of notification by the Authority’s Representative.
11. All water, sanitary sewer and storm sewer manhole castings, lids, frames, curb hoods, grates, hydrants, valves and any other fittings removed as part of any construction project are the property of the Authority. Contractor will not take ownership.
12. All sanitary and storm sewer manhole castings and lids that are located in the street and are disturbed by the Contractor shall be delivered to the Sewer Operations Maintenance base at 9319 E. 42nd St. North and placed in the metal recycle bin in the stockroom area between the hours of 7:30 a.m. and 3:00 p.m., Monday through Friday. Phone: 918-669-6130

All hydrants, valves and other fittings from abandoned water mains shall be salvaged and delivered by the Contractor to the south yard at 2317 South Jackson Ave. Contractor will coordinate the return of such items with the south yard personnel at 918-596-9401.
13. Bid Item **17** is the Specialty Work Allowance. Contractor shall include a lump sum amount of \$5,000 for specialty work as may be required by the Engineer. Contractor shall provide cost estimate for Engineer approval prior to performing specialty work. This will be for unforeseen items that could not have been planned for at the time of bid. Contractor to furnish a schedule of costs for those items for prior approval.

14. If by-pass pumping is necessary as part of the manhole rehab/replacement, a written By-Pass Pumping Plan must be submitted to Sewer Operations and Maintenance at least one week prior for approval. The By-Pass Notification Form (in this document) shall be submitted with the Written By-Pass Plan. Any by-pass pumping shall be considered incidental, and the cost included with Contractor's bid.
- 15. Bid Item 15 is for Dewatering as needed during manhole rehabilitation. Contractor may be paid for dewatering operations per each dewatering pump used in well-point situations as approved in advance by Authority's representative. This bid item will not be paid for sump pump or trash pump usage.**
16. Monthly Progress Meetings shall be scheduled on a weekday mutually agreeable to the Authority and the Contractor and shall be determined at the pre-work conference. The agenda for each meeting shall include a review of progress to date, updated project schedule and any problems encountered during the past month or with the upcoming work. Contractor shall report any confined space entry problems during the past month.
17. All sanitary sewer manholes are considered to be permit-required spaces and Contractor shall perform all work, including Confined Space Entry in accordance with all State and Federal Health Requirements. Contractor shall submit a copy of completed confined space entry form(s) with the specific Manhole Rehabilitation Work Report. Contractor shall determine through following Confined Space Entry regulations whether any of the manholes in the contract are considered combustible and explosive spaces for entry, as defined in OSHA regulations, and shall perform all work as so determined in accordance with all applicable state and federal labor, safety and health regulations.
18. Prior to beginning work, Contractor shall submit a schedule for the proposed work, a memo identifying the full-time Superintendent and contact information, Safety Officer and contact information, and a copy of Contractor's Confined Space Entry Policy.
19. Contractor shall notify the homeowner or businessowner of the intention to work on the property at least 24-hours prior to entry onto property, either in-person or by door hanger. The door hanger shall be approved in advance by the Authority and shall indicate the area and manhole number on the bottom. Door hanger shall list the City of Tulsa phone number 918-586-6984 for the customer to contact regarding locked gates, dogs or to schedule access. Contractor shall keep a record of the date and time the homeowner was notified or of the attempted notification. Contractor shall coordinate with the Inspector on repeated failed notification attempts.
20. Add Alternate 3 extends the one-year Maintenance Bond to a two-year Maintenance Bond.
21. Contractor has the entire responsibility to prevent sewer overflow during manhole rehabilitation work. Any overflow which does occur shall be reported to the Authority's representative immediately. Contractor shall clean and restore the site.