



CITY OF
**West
Linn**

ADDENDUM No. 2

**Project Number: PW-13-12
Sanitary Sewer Rehabilitation
Project**

Public Works Department
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West Linn, Oregon 97068
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Project Description: Sanitary Sewer Rehabilitation Project

Issue Date: December 20, 2013

This Addendum forms part of the "Invitation for Bid" and modifies or clarifies the original "Invitation for Bid" for the Project identified above. Prospective Bidders shall acknowledge receipt of the total number the Addenda issued for this Project by signing and returning each Addendum with the Bid. Failure to do so may subject Bidder to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

1. Reinstatement of sewer laterals will be a separate pay item. Substitute the attached Bid Form for the original Bid Form that has the addition of Bid Item #9, Lateral Reinstatement.
2. Substitute the attached page 18 of the Technical Provisions with the original page 18. Section E, paragraph 2, sentence deleted "This work is considered to be incidental and is not a pay item."
3. Substitute the attached page 24 of the Technical Provisions with the original page 24. Bid Item #9 Lateral Reinstatement added.

ACKNOWLEDGEMENT OF ADDENDUM

Inclusion of the above Addendum is hereby acknowledged.

CONTRACTOR:

Contractor: _____
Signature Date

Company Name

before installation is allowed to proceed. **Any alternative must be approved by the City Engineer prior to installation.**

- c. The seal must be an epoxy or resin mixture compatible with the CIPP system. Seals will be incidental to the CIPP liner. Sealing material and installation method shall be submitted and approved by the City Engineer prior to start of construction, and shall conform to the detail drawings provided on the plans. Mortar shall be used: Euclid Chemical "HEY'DI POWDER X" grout or approved equal. Hydraulic cements and quick-set cement products are not acceptable.

E. Service Line Reconnection

1. The contractor shall locate and verify all live sanitary service lines and any connections found to be direct inflow of storm water shall not be reinstated. The contractor is required to notify the resident(s) at each address a minimum of 48 hours in advance to the commencement of work and again prior to the disruption of their service again prior to any disruption in their service.
2. After pipe liner has cured, reinstate all active services and those to vacant lots. **All previously capped laterals shall remain capped and uncut.**
3. Perform reconnection from interior of pipeline without excavation using internal inspection camera with robotic cutter head. Finish by brushing is required.
4. Holes cut through liner: contractor shall provide a nearly full-diameter hole, free from burrs or projections and with a smooth and crack-free edge by brushing. The hole shall be 95 percent minimum and 100 percent maximum of the original service connection diameter. The invert of the service connection shall match the bottom of the reinstated service opening.
5. Miscellaneous pipe debris shall be recovered at downstream manhole and removed.
6. Do not open abandoned service connections except at City Engineer's direction. If abandoned service connection is opened without City Engineer's approval, perform an internal spot repair to close connection, at no additional cost to the owner.
7. Grouting for service laterals will be required after connection opening.

F. Testing

1. Material Testing
 - a. Samples removed for testing will be individually labeled with the following:
 - Project Number and Title

BID ITEM 5 – FURNISH AND INSTALL 8-INCH DIAMETER CIPP

Payment for furnishing and installing the cured-in-place pipe liner including gaskets and all work and materials will be on a per linear foot basis. Payment for required testing of materials, in accordance with the Technical Provision, shall be considered incidental to this bid item. Measurement will be based on the total length of cured-in-place pipe installed, all private property documentation and surface restoration shall be considered incidental to the installation cost. See Technical Provision 3, Cured-in-Place Pipe. The contract price paid per linear foot for installation of 8-inch cured in place pipe liner, complete in place, shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the process and complete clean up.

BID ITEM 6 – VIDEO INSPECTION (POST - CIPP)

Payment for performing a video inspection of the sewer pipe following the installation of the CIPP and recording onto a portable hard drive will be on a per linear foot basis. Measurement will be based on the total length of cured-in-place pipe video. Waterstop gaskets shall be seen at both ends of new liner. See Technical Provision 2, Sanitary Sewer Main Cleaning and TV Inspection. Flow by-pass shall be conducted during post- video inspection and will be considered incidental to this pay item. The contract price paid per linear foot for video inspection of sanitary sewer pipe following CIPP installation shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the process and complete clean up.

BID ITEM 7 - SANITARY SEWER BYPASS PUMPING

Payment for providing necessary sanitary sewer bypass pumping in accordance with all local, state, and federal regulations will be paid on a lump sum basis. Measurement will be based on the percentage of the CIPP work completed. See Technical Provision 4, Sewage Diversion Requirements. The contract lump sum price paid for bypass sanitary sewer pumping shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the process and complete clean up.

Actual percentage of Sanitary Sewer Bypass Pumping to the total bid price, excluding Sanitary Sewer Bypass Pumping, shall be shown in the Estimated Quantities column.

BID ITEM 8 - PROTRUDING LATERAL/OBJECT TRIMMING

Payment for trimming protruding service laterals or other foreign objects to ensure that no edges exist or material to catch. Measurement will be based on the total number of service laterals or objects trimmed. The contract price paid per trimming protruding service laterals complete in place, shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the process and complete clean up.

BID ITEM 9 – LATERAL REINSTATEMENT

Payment for reinstating all active services and those to vacant lots. Measurement will be based on the total number of service laterals reinstated. The contract price paid per lateral reinstatement complete in place, shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the process and complete clean up.