

CITY OF MILWAUKEE
DEPARTMENT OF PUBLIC WORKS
MILWAUKEE WATER WORKS

ADDENDUM NO. 1

The purpose of this addendum is to provide updated information to supersede and change the following for the bid documents of the City of Milwaukee Official Notice 11-171-1 for Water Main Relays.

- **Mandatory Pre-Bid Meeting Minutes** have been placed on the project website and will only be available electronically.

<http://www.mpw.net/bids/docs/171-2011/>

- **Project Site Photos** have been assembled in a single document and have been placed on the project website and will only be available electronically.

<http://www.mpw.net/bids/docs/171-2011/>

- **Contract EBE participation** has been revised

REMOVE – The bidder’s commitment for EBE participation on this project is 25%

INSERT – **The bidder’s commitment for EBE participation on this project is 12%**

- **Asbestos Testing** will be completed by the City of Milwaukee. The current timeline is for samples to be taken December 15, 2011 with a report available the week of December 26, 2011. **Notification of the completed report will be via an addendum and the report will be placed on the project website.**

The CONTRACTOR is responsible for and shall take any and all precautions necessary for the safe removal and disposal of materials containing asbestos. A removal plan shall be submitted to and be reviewed by the CITY.

- **Questions** received:
 - a. Verify if the Wisconsin DOT will allow the shutdown of 2 lanes while working?
 - Per WISDOT... Two lanes are permitted to be closed during nighttime hours only, and in dry weather conditions upon the approval of WISDOT.
 - b. Schedule from Gas Company (how long to do their work?)

- WE Energies has stated that they would like to begin abandonment of their main two (2) weeks in advance of the freeway closure.
 - Working on contacting WE Energies for additional information.
- c. Gas Company – Do they need to start on a certain end of the bridge to perform their work?
- Working on contacting WE Energies for additional information.
- d. Is there an opportunity to modify the traffic control plan following the award of contract?
- Yes, It is the intent of the City to allow for modification of the traffic control plan following the award of contract, should the contractor's means and methods dictate that changes are required. Any changes will need to be verified and approved by WISDOT and will be necessary prior to permit approval.
- **Questions** regarding material specification received via phone from local vendor
 - a. Does the steel pipe need to be coated prior to the installation of the preinstalled insulation?
 - Yes, per specifications II.D.3... “Exterior Pipe Coatings: The exterior surface of all steel pipe shall be shop coated, except for the areas left bare for welded joints, in accordance with AWWA C218. Grooves for mechanical coupling shall be shop or field coated as recommended by coupling manufacturer.”
 - b. Does the pipe hanger need to be hot dipped or is stainless acceptable?
 - Per specifications II.6.d...“Pipe hangers shall be trapeze roller style (Empire Industries, Inc. Figure 277, or approved equal), with oversized rollers to accommodate insulation and jacketing. Hangers shall be Hot-Dip Galvanized or coated per manufacturer recommendations to reduce corrosion.”
 - Stainless steel will be considered acceptable.
 - c. What markings are required on the pipe?
 - Per specifications II.D.6 ...” Marking of Pipe: The pipe shall be factory marked in accordance with Section 6.1 of AWWA C200. Improper, illegible, or incomplete markings will be cause for rejection of the pipe.”
 - Per AWWA C200 “A Serial Number or other identification mark shall be painted in a conspicuous location on each section of pipe...”
 - d. What are the existing hangers installed on and will new holes be required?
 - The existing hangers are installed in steel diaphragms as shown on the original construction drawings.
 - If the existing holes are not useable the contractor will need to drill new holes for the hanger rods.
 - e. Clarification of saddles versus shields?

- The pipe covering protection saddles are meant to be in contact with the steel water main and are only required when insulation is being field applied. Empire Industries figures 1900-1905.
 - The pipe covering protection saddles are not to be used when preinstalled insulation is specified.
 - Pipe covering protection shields are meant to protect the aluminum jacket at the hanger locations and are installed over the aluminum jacket.
- f. What type of straps are required for the protection shields?
- Per specifications E.3.n ...” Shield shall be secured to outside of aluminum jacket with 2 stainless steel bands at the support location.”
 - Bands shall be solid 3/4” wide 304 stainless steel thickness .030 in.
- g. What is required at the abutment wall penetration?
- Wall penetration seals are acceptable. Per specifications E.5.a “Pipe to wall penetration closures at abutments shall be modular mechanical type, consisting of interlocking rubber links shaped to continuously fill the annular space between the pipe and the wall opening.”
- h. Milwaukee water works would like submittals for all materials provided on this contract per specification III.B .

Submittals After Award of Contract: Shortly after the award of the contract the successful bidder shall submit three (3) sets of certified drawings for all steel pipe and each accessory product being furnished to the Superintendent of Milwaukee Water Works for approval. The drawing submittal shall show the following information:

1. Construction details and overall dimensions.
2. Material specifications for all components.
3. Manufacturer's name and recommended installation instructions.

One set of drawings will be returned to the furnishing contractor marked "Reviewed – No Exceptions Taken", "Reviewed – Returned with Comments", "Reviewed – Revise and Resubmit", or "Rejected". All materials shall be furnished in accordance with these approved drawings.

- **Bidding Schedule** shall be modified to allow for the testing and reporting on the possible asbestos.

Current Schedule

Submit Questions	December 13, 2011	12:00 PM
Answer Questions	December 20, 2011	4:00 PM
Bid Opening	December 28, 2011	10:30 AM

Proposed Schedule

Asbestos Sampling	December 15, 2011	
Asbestos Report	December 28, 2011	
Submit Questions	January 6, 2012	12:00 PM
Answer Questions	January 11, 2012	4:00 PM
Bid Opening	January 18, 2012	10:30 AM

Each bidder shall acknowledge receipt of this addendum in the bid documents.
If you have any questions regarding this addendum, please contact Mr. Karl Rohrbach, P.E. at
414-286-8148.

Your interest in this project is greatly appreciated.

END OF ADDENDUM NO. 1