



# 481-2007 ADDENDUM 1

## Perimeter Road Pumping Station Upgrades - Contract A - Forcemain Twining

### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY**

ISSUED: July 19, 2007  
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**THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

Template Version: A20070419

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

### **PART A – BID SUBMISSION**

Replace: 481-2007 Bid Submission with 481-2007 Addendum 1- Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Add Items A.2 a) vi) 900 x 600 AWWA C301 Reducer.

Page numbering on some forms may be changed as a result.

### **PART D – SUPPLEMENTAL CONDITIONS**

Add: D15.7 Following the installation of the 450 mm wafer knife gate valve in valve chamber VC2A, the 600 mm forcemain between valve chamber VC2A and the WEWPCC may be shutdown until the completion of installation, testing and commissioning of the new 600 millimetre forcemain.

Add: D15.8 Piping modifications with VC2a, upstream of the new 450 millimetre knife gate valve, including installation of the 600 millimetre knife gate valve and modification to the existing check valve, shall be scheduled to be completed in conjunction with the assessment of the existing 750 millimetre forcemain as outlined in D15.5.

Page numbering on some forms may be changed as a result.

### **PART E – SPECIFICATIONS**

Add: E5.5.6 Remove reinforced concrete slab and bollards outside PRPS garage door. Reinforced concrete slab and bollards will not be replaced.

Add: E11.1.4(c) ii) Further to AWWA C905, 4.3.2.2 Elastomeric-gasket bell ends shall conform to the requirements of Section 4.3.2.2 a). Designs not meeting the requirements of Sec. 4.3.2.2(a) will not be permitted.

Revise E13.3.3(b)(v) to read: For installation is cored hole, a neat hole shall be cored out for the installation of the forcemain pipe to a maximum of 25 mm larger than the largest pipe outside dimension.

“Plugging”, “reaming” or other construction methods that displace soil shall not be permitted. Blocking shall be installed on the piping to prevent floatation during the grouting process. The annulus of core hole shall be grouted for the full length of the core hole.

- Revise E13.3.4(b)(v) to read: For installation is cored hole, a neat hole shall be cored out for the installation of the forcemain pipe to a maximum of 25 mm larger than the largest pipe outside dimension. “Plugging”, “reaming” or other construction methods that displace soil shall not be permitted. Blocking shall be installed on the piping to prevent floatation during the grouting process. The annulus of core hole shall be grouted for the full length of the core hole.
- Add: E16.1(j) iv) The 450 millimetre knife gate valve shall constructed with tapped flange holes conforming to ANSI/ASME B16.1 Class 125/150 drilling.
- Delete: E17.3(g) Pipe fitting to be executed by certified pipe fitters.
- Add: E19.2 (c) The Contractor is advised that the section of 900 millimetre forcemain between VC2a and the WEWPPC may not be able to be adequately dewatered due to access and grade concerns. As a result the inspection distance listed on Form B: Prices may not be able to be inspected.
- Add: E19.3.3(e) The Contractor will be required to remove and replace any valves, fittings, piping or blind flanges and to dismantle and reassemble check valves within valve chambers to gain access to the forcemain to undertake the cleaning and inspection work. The Contractor may, as permitted by the Contract Administrator, coordinate cleaning and inspection of the forcemain with piping modifications in valve chamber VC2A.
- Revise: E19.3.5(a) to read: Remove all grease deposits to expose the interior surface of the pipe wall as directed by the Contract Administrator. The Contractor shall complete a minimum of two flusher passes in each length of forcemain cleaned.
- Add: E19.3.6 The Contractor is advised that the methodology for inspection noted in Appendix C is the suggested methodology. It is the Contractors responsibility to schedule and coordinate inspection activities. Alternate inspection methodology may be permitted upon approval by the Contract Administrator.
- Add: E19.4.1(c) Removal and replacement of any valves, fittings, piping or blind flanges and dismantling and reassembling of check valves within valve chambers to gain access to the forcemain will be considered incidental to “Forcemain Cleaning” and “Forcemain Inspection”.

## **APPENDIX**

- Add: Appendix E Video Capture Images of January 2006 Inspection of 600mm Forcemain from VC2A to VC2B