

**COMMITTEE OF THE WHOLE AUGUST 19, 2002**

**AWARD OF TENDER – T02-047 WATER METER CHANGE-OUT PROGRAM**

**Recommendation**

The Commissioner of Engineering and Public Works, in consultation with the Director of Purchasing and the Director of Reserves and Investments, recommends:

1. That tender T02-047 be awarded to the Neptune Technology Group Ltd., for the replacement of approximately 13,000 water meters at an estimated cost of \$534,144.00 (labour only); and,
2. That notwithstanding the City's Purchasing Policies and Procedures, the Invensys (Sensus) water meters continue to be the City's standard for water meter installations, and that they be purchased through the Vaughan distributor, Wamco Waterworks; and
3. That the Mayor and Clerk be authorized to sign the necessary documents.

**Purpose**

To award Tender T02-047, a tender for the replacement of old water meters throughout the City.

**Background - Analysis and Options**

As water meters age, they have the potential to become less accurate due to the build up of scale, and due to general wear of the internal parts. In order to ensure that the residents' consumption of water continues to be accurately measured, and that the City can account for all water bought and sold, the Public Works Department has initiated a multi-year, water meter change-out program through the Capital Budget process (Project Nos. 4895-0-00, 4895-1-01, 1461-0-02).

Through billing records and work orders, staff have identified areas where the change-out program will take place. Water meters that are 15 years of age or older, will be subject to replacement, and the program will take place throughout the City over the next few years. The contractor will be responsible for making all necessary arrangements with homeowners, removing the old water meter, installing and wiring a new water meter (supplied by the City), and is responsible for the accurate recording of data from the old and new water meters.

The City's Public Works Department uses Invensys (Sensus) water meters for all new installations, and has specified this type of meter for the change-out program also. Invensys is North America's largest manufacturer of water meters. The reasons Invensys meters are used are: product technology (including leak proof register, reliability and accuracy), warranty, reduced water loss, security, life cycle costs, consistent readings, availability and local supply.

The tender was advertised in the Vaughan Citizen (Liberal) and on the Electronic Tendering Network (ETN). Four documents were picked up, and two bids were received. The following are the results of the tender for the installation of approximately 13,000 water meters (labour only):

| Company                       | Bid (Inc. G.S.T.) |
|-------------------------------|-------------------|
| Neptune Technology Group Ltd. | \$534,144.00      |
| Canadian Water Services       | \$741,403.00      |

Staff checked the bids for errors and have contacted references.

**Conclusion**

The water meter change-out program will ensure continued accurate measurement and billing of water used by the residents.

Based on the bid prices submitted, it is recommended that Neptune Technology Group. Ltd., be awarded the contract for the water meter change-out program.

The continued use of Invensys water meters will assist in ensuring a uniform type of water meter is used throughout the City.

**Attachments**

N/A

**Report prepared by:**

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Respectfully submitted,

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Commissioner of Engineering and Public Works

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