

MEETING DATE: September 21, 2005

SUBJECT: Procurement Authorization – Supply Of Grout Material For Rehabilitation Of Precast Concrete Tunnel Liners

RECOMMENDATION

It is recommended that the Commission authorize the award of a contract to Jamac Sales, in the upset limit amount of \$243,000.00, for the supply of various Sika Grout Products, for the period September 1, 2005 to December 31, 2008.

FUNDING

Sufficient funds to accommodate this expenditure are included in Project 3.4 Pre-Cast Tunnel Liner Rehabilitation, as set out on pages 689 to 691, in the “State of Good Repair” category of the 2005 – 2009 Capital Program, approved by City Council on February 23, 2005.

BACKGROUND

A detailed condition survey and pre-design report was completed in 2002 for the pre-cast concrete tunnel liners constructed in the late 1960’s and early 1970’s, on the Bloor/Danforth and Yonge/Spadina lines, indicated that there were serious signs of deterioration to tunnel liner rings/liners where water leakage had been present. On-going back wall grouting of these areas has significantly reduced water infiltration, enabling rehabilitation of the rings to commence. In February 2005, the Engineering & Construction and Track & Structure Department finalized the design and commenced a program to complete recommended repairs as designed by Hatch Mott MacDonald Consultants (HMM) to approximately 700 rings/liners on the North Yonge and Spadina Subways. As the repair of the rings/liners is underway, there is an on-going need for cementitious grout material to be used for hand patch repairs to the perimeters of the liner segments and for pressure grouting of the segment pockets in accordance with the repair specifications.

Trials and testing of various materials were completed jointly by the HMM, Engineering & Construction and Track & Structure Departments and the final repair materials selected for use in the actual repairs. Limited supplies of Sika Grout materials (Sika 212, Sika 123) are currently available to the construction crews; however, a larger quantity is required for the work to continue uninterrupted.

DISCUSSION

Eight (8) companies were invited to submit proposals in addition to the public advertisement on the Commission’s website on June 24, 2005, out of which six (6) companies submitted proposals as summarized on the attached Spreadsheet Analysis.

The best priced proposal was submitted by Jamac Sales who did not state any exceptions and/or qualifications to the Commission’s Proposal Document. Their submission is considered commercially acceptable and recommended for award of contract.

Goodco Ltd, National Concrete Accessories and Specton Construction submitted the second and third lowest priced proposals, respectively. Neither proponent stated any exceptions or qualifications and their proposals are considered acceptable.

The submission from Construction Distribution and Supply Co. Inc. was deemed non-compliant as they did not make their submission using the Commission’s Proposal Form. Additionally, Multiurathanes submission

was not considered as it was based on alternatives to the specified grout and no pricing was included.

A price comparison for the specific Sika Grout products is not available as this is a first time procurement for these items. The price for the grout products in year two is approximately 3% higher than the year one price and the price for year three is approximately 3% higher than the year two price.

The upset limit amount includes an allowance of approximately 20% to cover the variances between forecasted and actual usage over the three (3) plus years of the contract.

JUSTIFICATION

The award of this contract for the supply of various Sika Grout products is required in order to ensure an adequate supply of cementitious grout material is available to facilitate repairs to approximately 700 pre-cast concrete tunnel liners on the Yonge/Spadina subways.

August 16, 2005

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Attachment: Appendix "A"

APPENDIX "A"

**SUPPLY OF GROUT
PROPOSAL NO. P31AT05211**

Company	Total Proposal Price
Jamac Sales	\$202,444.55 *
Goodco Ltd.	\$229,346.17
National Concrete Accessories	\$231,267.18
Specton Construction	\$241,006.65

* Recommended for award