

**MEETING DATE:** September 17, 2003

**SUBJECT:** Purchase Order Amendment Authority – Asbestos Abatement Program Consultants

### **RECOMMENDATION**

It is recommended that the Commission authorize unbudgeted expenditures in the amount of \$305,000 and award contract amendments to Jacques Whitford Environment Limited C31PF02744, Pinchin Environmental Limited C31PF02745 and to Decommissioning Consulting Services Limited C31PF02746 in the respective amounts of \$135,000, \$60,000 and \$110,000.

### **FUNDING**

Funding for the asbestos abatement program expenditures were included under Project 6.1 Environmental Programs, under Subway Asbestos Removal (as set out on pages 933-939), category Legislative of the 2003-2007 TTC Capital Program approved by City Council on February 26, 2003, however no funds were provided for this additional expenditure of \$305,000. This over expenditure can be accommodated through under expenditures in other areas of the Capital Program. Sufficient funds will be included in the 2004-2008 Capital Program.

### **BACKGROUND**

Approval was received at the March 20, 2002 Commission Meeting for authorization of the acceptance of Proposal #P31F01913 for three asbestos abatement consultants for a total upset limit of \$450,000.

The three consulting firms were retained to re-survey the entire subway/SRT systems for the presence of materials that contain asbestos and to survey electrical equipment in substations and other electrical rooms in the subway system for electrical equipment that may contain asbestos. This work was required to ensure Commission obligations under the Ministry of Labour's Occupational Health and Safety Act respecting asbestos are met.

The contracts were based on hourly rates from each consultant with upset limits set by the Commission. The upset limits were an allowance based on the estimated number of labour hours and laboratory testing to complete the work under the contract.

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### **DISCUSSION**

After award of the contracts, protocols were developed with the assistance of the consultants, for asbestos survey procedures, sampling procedures and reporting format. The approved protocols meet Ministry of Labour requirements and were reviewed with the applicable Worker Joint Health and Safety Committee representatives.

The original proposal assumed sampling material in the subway tunnels every 150 feet on alternating sides. The approved protocol calls for sampling material every 100 feet both sides. This increased both the labour hours for the surveys and the laboratory costs. The quantity of data to be analyzed and input into a database for reporting was subsequently also greater than estimated.

Pilot asbestos surveys were assigned to each consultant to verify the suitability of the survey protocol and to more accurately estimate the survey costs associated with approved protocol. The pilot survey costs and productivity of the three consultants were found to be equivalent and acceptable.

Jacques Whitford Environment Limited was assigned the task of re-surveying the tunnels and stations on the Bloor/Danforth subway line and the SRT line. Based on the results of the pilot survey, it is estimated that a total of \$320,000 is required to complete the survey work. This will result in an increase of \$135,000 to the existing contract value of \$185,000.

Pinchin Environmental Limited was assigned the task of re-surveying the tunnels and stations on the Yonge/University/Spadina subway line. Based on the results of the pilot survey, it is estimated that a total of \$245,000 is required to complete the survey work. This will result in an increase of \$60,000 to the existing contract value of \$185,000.

Decommissioning Consulting Services Limited was assigned the task of surveying electrical equipment in substations and other electrical rooms. Based on the results of the pilot survey, it is estimated that a total of \$190,000 is required to complete the survey work. This will result in an increase of \$110,000 to the existing contract value of \$80,000.

A summary of the contract details is provided on the attached Appendix 'A'.

The resultant increase in the total upset limit price of the three consulting contracts is \$305,000.

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## **JUSTIFICATION**

Specialized asbestos survey consulting services are required to complete the survey of materials and electrical equipment for asbestos in Commission facilities to ensure

Commission obligations under the Ministry of Labour's Occupational Health and Safety Act respecting asbestos are met.

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August 14, 2003

6-75-91

**SUMMARY OF CONTRACT DETAILS**

	<b>Jacques Whitford C31PF02744</b>	<b>Pinchin Environmental C31PF02745</b>	<b>Decommissioning Consulting C31PF02746</b>	<b>Totals</b>
Original Contract Award	\$185,000	\$185,000	\$80,000	\$450,000

Previously Approved Changes	0	0	0	0
Price of this Amendment	\$135,000	\$60,000	\$110,000	\$305,000
Revised Contract Price	\$320,000	\$245,000	\$190,000	\$755,000