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Form Revised: September 1999

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## **TORONTO TRANSIT COMMISSION**

### **REPORT NO.**

**MEETING DATE:** September 20, 2006

**SUBJECT:** Procurement Authorization Roofing Design Services Roofing Rehabilitation Program  
Contract No. G85-223

### **RECOMMENDATION**

It is recommended that the Commission authorize the award of contracts to the following two companies on the basis of the highest rated acceptable proponents with reasonable pricing in the upset limit amounts listed below for Roofing Design Services – Roofing Rehabilitation Program for a three-year period commencing from notification of award to:

1. Peto MacCallum Ltd. \$1,875,000.00
2. Halcrow Yolles \$1,875,000.00

For a total upset limit of \$3,750,000.00

### **FUNDING**

Sufficient funds for these expenditures are available in Project 3.1 Roofing Rehabilitation Program set out on page 499-507 of State of Good Repair/Safety Category of the TTC 2006-2010 Capital Program which was approved by City Council on December 12, 2005.

No work will be initiated unless approved funds are available and the work assignments are approved.

### **BACKGROUND**

The Commission has a very large amount of roofing over subway and rapid transit stations, garages, carhouses, shops, substations, office buildings and other facility buildings, totalling approximately 342,000 sq. metres. The range of roofing materials and construction types consists of all commercially

available types, including 4-ply built-up roofing (BUR), single ply Ethylene Propylene Diene Monomer (EPDM), modified bitumen, asphalt shingle, Poly Vinyl Chloride (PVC), urethane foam, and metal roofs. The conventional useful life of these different roofing types, before major work is required ranges from 15 years to 25 years; however, this has been extended by localized repair and patching to years beyond the normal designed life. The older carhouses, garages and office facilities were built in the 1920s and 1930s. Excessive maintenance costs are a concern and deterioration of the building structure and detrimental effects on mechanical and electrical equipment through prolonged exposure to moisture will compound the problem. This situation requires roofing design to be done by firms with that specialized expertise.

## **DISCUSSION**

The work included under this Contract will consist of providing roof inspections, preliminary design, detailed design and engineering support during construction. The work will be carried out on an as-required basis on approved capital projects over a period of three years and will be administered on a Work Assignment Release process.

A Request for Proposal (RFP) for Contract G85-223, Roofing Design Services was publicly advertised on the TTC's web site on July 28, 2006 indicating the Commission's intention to award contracts to as many as three proponents. Fourteen companies requested copies of the proposal documents, out of which seven submitted proposals as summarized in Appendix "A".

The recommendation for award is based on the highest rated qualified proponents with reasonable pricing. Any proponent rated within 3% of the three highest rated qualified companies is considered equally qualified.

Of the seven submissions received, Byrne Engineering Inc. was not evaluated further as they stated their own terms and conditions which were considered unacceptable.

The remaining six proposals which appeared to be compliant were reviewed and rated by the evaluation team based on the criteria listed in Appendix "B". Five of the submissions were considered qualified. Following the determination of the final ranking, the pricing envelopes of the three highest rated proponents were opened and evaluated on the basis of the intended award to as many as three firms.

The proposals submitted by Fishburn Building Sciences Group Inc. (Fishburn), Peto MacCallum Ltd. (Peto), and IRC Building Sciences Group Inc. (IRC) were rated the highest over the other proposals submitted.

Upon evaluation of the pricing information submitted by IRC, it was determined that their rates were considerably higher than the other proponents and as such their submission was considered unacceptable. In addition, the pricing by Fishburn was considered ambiguous as the staff offered in the proposal submission differs from the staff offered in the pricing submission. Therefore their proposal submission is also considered unacceptable. As a result the pricing submissions from the two remaining qualified proponents, Halcrow Yolles and Trow Associates Inc. (Trow) were evaluated. The pricing information submitted by Trow was also considered ambiguous as the staff offered in the proposal submission differs from the staff offered in the pricing submission, and as such their submission was also considered unacceptable.

Upon review of the confidential pricing information, the evaluation team considered the pricing from Peto and Halcrow Yolles to be fair and reasonable based on the experience and qualifications of the project

team.

Peto and Halcrow Yolles have previously satisfactorily performed work for the Commission in the past.

**JUSTIFICATION**

The award of contracts to Peto MacCallum Ltd. and Halcrow Yolles will ensure that engineering resources are available to support the Commission's Roofing Rehabilitation Program.

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September 7, 2006  
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Attachments

**APPENDIX 'A'**

**PROCUREMENT AUTHORIZATION  
ROOFING DESIGN SERVICES  
ROOFING REHABILITATION PROGRAM  
CONTRACT NO. G85-223**

**PROPOSAL EVALUATION SUMMARY (in alphabetical order)**

<b>LIST OF PROPONENTS</b>	
Byrne Engineering Inc.	**
Davroc & Associates Ltd.	***
Fishburn Building Sciences Group Inc.	***
IRC Building Sciences Group Inc.	***
Peto MacCallum Ltd.	*
Trow Associates Inc.	***
Halcrow Yolles	*

(\* ) - Indicates successful proponents

(\*\* ) - Non Compliant

(\*\*\*) - Unacceptable

## **APPENDIX 'B'**

**PROCUREMENT AUTHORIZATION  
ROOFING DESIGN SERVICES  
ROOFING REHABILITATION PROGRAM  
CONTRACT NO. G85-223**

### **PROPOSAL EVALUATION CRITERIA**

#### **A. CORPORATE QUALIFICATIONS/EXPERIENCE**

- Number of Years in Business
- Relevant Corporate Experience
- Depth of Available Relevant Resources at Proponent's local Office

#### **B. PROJECT STAFF QUALIFICATIONS/EXPERIENCE**

##### **i) Project Manager**

- Number of Years of Direct Experience
- Work of a Similar Size and Nature
- Technical Qualifications

##### **ii) Project Engineer/Designer**

- Number of Years Experience
- Work of a Similar Size and Nature
- Technical Qualifications

##### **ii) Project Team/Subconsultants**

- Number of Years Experience
- Work of a Similar Size and Nature
- Technical Qualifications