

REGION OF OTTAWA-CARLETON
RÉGION D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. **50 RS 538-29**
Your File/V/Réf.

DATE 21 September 2000

TO/DEST. Co-ordinator
Corporate Services and Economic Development Committee

FROM/EXP. Deputy Commissioner
Environment and Transportation Department

SUBJECT/OBJET **WELLINGTON STREET CPR OVERPASS REHABILITATION,
CONSULTANT APPOINTMENT (ETL00-7046)**

DEPARTMENTAL RECOMMENDATION

That the Corporate Services and Economic Development Committee and Council approve the appointment of Morrison Hershfield, Ottawa, to provide Professional Engineering Services for the Wellington Street CPR Overpass rehabilitation, for a total contract provision of \$97,885.74.

BACKGROUND

The Wellington Street CPR Overpass is a railway overpass located on Wellington Street (Regional Road 40), 0.50 km west of Preston Street in the city of Ottawa. The bridge is a three span continuous pre-stressed concrete slab with total length of 77 metres and was constructed in 1969. The existing deck carries four lanes of traffic with a sidewalk on the south side and a wide curb on the north side.

Recent routine inspections undertaken as part of the Structures Management Activities have indicated various deficiencies including extensive spalling and deterioration of concrete elements, deterioration of the asphalt wearing surface and problems with some bearings. These deficiencies must be addressed on a timely basis to assure continued serviceability and to extend the service life of this structure.

DESCRIPTION OF ASSIGNMENT

The proposed engineering assignment is to be undertaken in two phases as follows.

The first phase includes a detailed condition inspection of the structure to document the nature and extent of the structural and operational deficiencies. This information will be used to define the scope of the required repairs and to assess the alternatives for rehabilitation of various components.

The second phase covers the detailed design of the structural repairs, preparation of the contract documents and tender estimates.

It is intended that these repairs be undertaken during the year 2001 construction season.

The engineering and construction activities are to be co-ordinated with the proposed works relating to the construction of the station and platform at this location as part of the Light Rail Demonstration Project.

CONSULTANT SELECTION PROCESS

The Consultant Selection was undertaken in accordance with the Guidelines for Procurement of Consulting Engineering Services.

A Request for Proposal (RFP) was issued to the following three consulting firms:

- Earth Tech Canada Inc., Nepean
- Morrison Hershfield, Ottawa
- Tottem Sims Hubicki Associates, Kanata

The proposals submitted were then evaluated by a three member panel, composed of staff from the Engineering Division, using the following criteria:

- Resources and Experience of Firm
- Experience, Qualifications and Availability of Team Members
- Understanding of Objectives
- Quality of Approach and Methodology
- Proposed Work Plan, Schedule and Level of Effort
- Financial Proposal

The evaluation concluded that the proposal submitted by Morrison Hershfield, Ottawa, represented the best overall value to the Region.

The Department recommends the award of Contract ETL00-7046 to Morrison Hershfield, Ottawa, with a contract provision of \$84,482.00, plus \$7,000.00 contingency and GST of \$6,403.74, for a total contract provision of \$97,885.74.

CONSULTATION

No public consultation is required for Consultant appointments.

During the second phase (Design) proposed plans will be circulated to affected stakeholders, utilities, and community and user groups to obtain their input and comments.

EXPENDITURE JUSTIFICATION

The proposed engineering activities are essential to assure continued safety and serviceability of the structure and to extend its service life.

FINANCIAL STATEMENT AND APPROVAL

	<u>900089</u>
	\$
Approved Budget to Date	7,169,940
Total Paid and Committed	<u>(6,109,541)</u>
Balance Available	1,060,399
THIS REQUEST	<u>(97,886)</u>
Balance Remaining	<u><u>962,513</u></u>

Funds are available in the 2000 Capital Budget, Order No. 900089, Structure Rehabilitation/Replacement Program, (Reference page 149), Purchase Requisition No. 10076070.

Approved by
N.B. Schepers, P.Eng.

AN/esp