

DATE: March 10, 2010

REPORT TITLE: **CONSULTING SERVICES FOR DETAILED DESIGN AND CONTRACT ADMINISTRATION FOR VARIOUS BRIDGE STRUCTURES AND CULVERT REHABILITATIONS:**
O'BRIEN'S BRIDGE, CITY OF MISSISSAUGA, WARD 3
DERRY ROAD WEST BRIDGE, CITY OF MISSISSAUGA, WARD 10
FORKS OF THE CREDIT BRIDGE AND THUNDER BRIDGE, TOWN OF CALEDON, WARD 1
CAPITAL PROJECTS 08-4840, 08-4850, 08-4860
DOCUMENT 2010-095P

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That the proposal (Document 2010-095P) for consulting services for the detailed design, contract administration and supervision of bridge structures and culvert rehabilitations (O'Brien's Bridge and Derry Road West Bridge in the City of Mississauga, Forks of the Credit Bridge and Thunder Bridge in the Town of Caledon) be awarded to Giffels Associates Limited/IBI Group, in the estimated amount of \$580,630 (excluding applicable taxes), under Capital Projects 08-4840 (\$193,543.00), 08-4850 (\$193,543.50), and 08-4860 (\$193,543.50), in accordance with Purchasing By-law 63-2008.

REPORT HIGHLIGHTS

- Document 2007-642P for the detailed condition survey of bridge structures in Region of Peel (Project 07-4810) prepared by AECOM Canada Limited, dated January 2009, recommended rehabilitation of all four bridge structures.
- The scope of work required in the Request for Proposal (RFP) includes detailed design, contract administration and construction supervision services for the rehabilitation of all four bridge structures.
- Proposal 2010-095P was competitively bid and Giffels Associates Limited/IBI Group is recommended for award.

DISCUSSION

1. Background

A detailed inspection of O'Brien's Bridge and the Ontario Structure Inspection Manual (OSIM) Reports for Derry Road West Bridge, O'Brien's Bridge, Forks of the Credit Bridge and Thunder Bridge, prepared by AECOM Canada Limited, revealed minor deterioration of

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the structures noted above and recommend repairs in order to extend the service life of the structures and also improve safety. See Appendix I for a sketch of the bridge and culvert locations.

2. Selection Process for Engineering Services

The Region of Peel issued a Request for Proposal (RFP), Document 2010-095P, to seven consulting engineering firms for detailed design, contract administration, and construction supervision services for the rehabilitation of four bridge structures in the Region of Peel.

Four consultants submitted proposals on time and the proposals were reviewed and evaluated by a staff evaluation committee. The evaluation criteria included the consultant's understanding of the project, compliance with the terms of reference, the proposed methodology, qualifications and experience of the proposed staff, the consultant's previous experience on similar projects, schedule and estimated cost to complete the assignment.

The submitted proposals were all found to be in order and the evaluation summary is as follows:

Vendor Name	Location	Overall Ranking	Technical (80 per cent)	Financial (20 per cent)
Giffels Associates Limited/IBI Group	Toronto, ON	1	1	3
Gamsby and Mannerow Engineers	Guelph, ON	2	2	4
Aecom Canada Limited	Kitchener, ON	3	3	2
Planmac Incorporated	Toronto, ON	4	4	1

The Giffels Associated Limited/IBI Group proposal received the highest overall score when assessing the combination of technical proficiency and price. The consultant demonstrated a thorough understanding of the assignment, proposed a comprehensive project approach, and presented an experienced project team. Staff has concluded that the Giffels Associated Limited/IBI Group proposal provides the best overall value to the Region of Peel.

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FINANCIAL IMPLICATIONS

Based on the applicable cost share of each project, staff recommends that the contract value of each project be as follows:

Capital Projects 08-4840	\$ 193,543.00
Capital Projects 08-4850	\$ 193,543.50
Capital Projects 08-4860	<u>\$ 193,543.50</u>
	\$ 580,630.00

CONCLUSION

The proposed bridge rehabilitations of O'Brien Bridge and Derry Road West Bridge in the City of Mississauga, and Forks of the Credit Bridge and Thunder Bridge in the Town of Caledon are part of the Regional Capital Road program to extend the life of the structures and improve the safety of traffic and pedestrians in the Region of Peel.




Dan Labrecque
Commissioner of Public Works

Approved for Submission:



D. Szwarc, Chief Administrative Officer

 For further information regarding this report, please contact John Hasselbacher at extension 7921 or via email at john.hasselbacher@peelregion.ca

Authored By: John Hasselbacher

c.  Legislative Services
J. Macintyre, Director, Purchasing
Manager, Financial Support Unit (FSU)



APPENDIX I

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CONSULTING SERVICES FOR DETAILED DESIGN AND CONTRACT ADMINISTRATION FOR VARIOUS BRIDGE STRUCTURE AND CULVERT REHABILITATION:

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