

COMMITTEE OF THE WHOLE – FEBRUARY 17, 2003

ENGINEERING CONSULTANT FOR THE DESIGN AND CONTRACT ADMINISTRATION OF THE CONCORD FLORAL DAM OBSTRUCTION REMOVAL

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Purchasing Services and the Director of Investments and Reserves recommends:

- 1) That notwithstanding City Purchasing Policies and Procedures, the City retain Dillon Consulting Limited for the design and construction of the Concord Floral Dam Obstruction Removal work at an estimated cost of \$43,000 plus G.S.T.; and
- 2) That a contingency allowance in the amount of \$4,000 plus G.S.T. be approved, within which the Commissioner of Engineering and Public Works or his designate is authorized to approve.

Purpose

To retain Dillon Consulting Limited for the design and construction of the Concord Floral Dam work.

Background - Analysis and Options

At its meeting of October 15, 2001, Council approved Contract T01-153 for the Construction of the Creditstone Road Bridge, subject to the receipt of Toronto Region Conservation Authority (TRCA) and Department of Fisheries and Oceans (DFO) approval. (Refer to Additional Information Item No. 19, Report No. 61, Council, October 15, 2001 – Attachment 2).

As part of the TRCA and DFO approval, the realignment of the West Don River at the bridge crossing requires a fisheries compensation plan that includes on-site realignment works and off-site dam removal works at the Concord Floral Dam to compensate for fish habitat impacts as a result of the construction of the new bridge structure.

Dillon Consulting was responsible for the design of the creek realignment at the Creditstone Road bridge crossing and the Fish Habitat Compensation Plan Report that was approved by TRCA and DFO. Phase I of the Plan, which included the creek realignment at the bridge crossing, is now complete as part of the bridge construction which was completed in 2002. Phase II of the Plan includes the compensation work required at the Concord Floral Dam and must be completed in 2003.

Dillon has provided a written work plan to the City dated January 31, 2003 for the design and construction (including DFO reporting requirements) of the Concord Floral Dam Obstruction Removal project in the amount of \$43,000, plus G.S.T. Staff have reviewed the workplan and cost estimate and find it to be reasonable and consistent with the preliminary cost estimate in the 2001 report (refer to Attachment 2). Due to their involvement in the design and construction inspection and approvals for this project, staff recommend that Dillon be further retained to complete this work.

Sufficient funds are available for the completion of this component (design and construction) of the project, funded from 2001 Capital Budget Project No. 1298-1-01 (funded from City Wide Development Charges).

Conclusion

It is cost effective to retain Dillon Consulting Limited for the design and construction of the Concord Floral Dam remedial works.

Attachments

1. Location Map
2. Extract – Additional Information Item 19, Report No. 61, Council - October 15, 2001

Report prepared by:

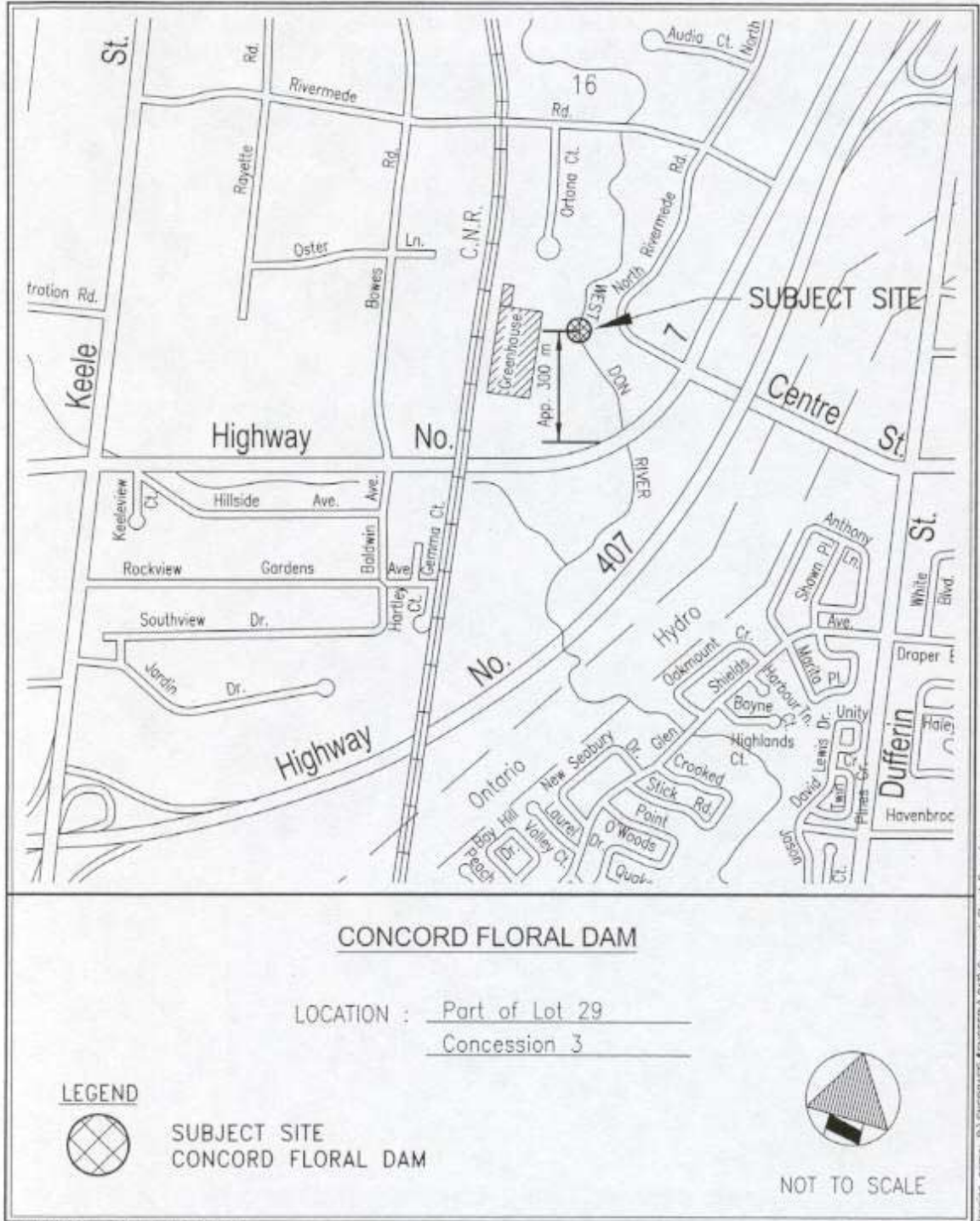
Pat Marcantonio, C.E.T. – Senior Engineering Assistant, ext. 8367
Dan Stevens, P. Eng. – Manager of Engineering/Construction Services, ext. 8257

Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

DS:mc

ATTACHMENT No. 1



CITY OF VAUGHAN - ENGINEERING DEPARTMENT

ATTACHMENT NO. 2

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF OCTOBER 15, 2001

Item 19, Report No. 61, of the Committee of the Whole, which was adopted, as amended, by the Council of the City of Vaughan on October 15, 2001, as follows:

By approving the following recommendation contained in the additional report of the Commissioner of Development Services, dated October 15, 2001:

- "1) That Tender T01-153 for the Creditstone Road Bridge in the amount of \$1,320,654.69 be awarded to B. Gottardo Construction Limited, subject to the receipt of TRCA and DFO approval;*
- 2) That a contingency allowance in the amount of \$200,000 be approved, within which the Executive Director of City Engineering and Public Works is authorized to approve amendments to the Contract; and*
- 3) That the Mayor and Clerk be authorized to sign the necessary documents, subject to receipt of all necessary approvals."*

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AWARD OF TENDER T01-153 CREDITSTONE ROAD BRIDGE

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Commissioner of Development Services and Public Works, dated October 1, 2001:

Recommendation

The Commissioner of Development Services and Public Works in consultation with the Director of Purchasing recommends:

That Tender T01-153 for Creditstone Road Bridge construction be awarded

Purpose

Council approval to award contract T01-153.

Background - Analysis and Options

The work covered by this tender (2000 Capital Budget Project 1298.0) calls for the Creditstone Road Valley crossing.

Tenders will close for this project on September 28, 2001.

Staff will prepare an additional information report for this item after the bids have been evaluated for Council's consideration at the October 15, 2001 meeting.

Conclusion

To be submitted in the additional information report after tender has closed.

Attachments

1. Location Map

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CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF OCTOBER 15, 2001

Item 19, CW Report No. 61 – Page 2

Report prepared by:

Pat Marcantonio, C.E.T., Sr. Engineering Assistant, ext. 8367
Dan Stevens, P. Eng., Manager of Engineering/Construction Services, ext. 8257

PM:MC

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

COUNCIL - OCTOBER 15, 2001

ITEM # 19
ADDITIONAL
INFORMATION
CW RPT 61
COUNCIL OCT 15/01

AWARD OF TENDER T01-153
CREDITSTONE ROAD BRIDGE

Recommendation

The Commissioner of Development Services and Public Works in consultation with the Director of Purchasing and the Director of Reserves and Investments recommends:

- 1) That Tender T01-153 for the Creditstone Road Bridge in the amount of \$1,320,654.69 be awarded to B. Gottardo Construction Limited, subject to the receipt of TRCA and DFO approval;
- 2) That a contingency allowance in the amount of \$200,000 be approved, within which the Executive Director of City Engineering and Public Works is authorized to approve amendments to the Contract; and
- 3) That the Mayor and Clerk be authorized to sign the necessary documents, subject to receipt of all necessary approvals.

Purpose

Council approval to award Contract T01-153 for the construction of the Creditstone Road Bridge.

Background - Analysis and Options

The work covered by this tender (Capital Budget Project 1298.1) calls for the construction of Creditstone Road Bridge, south of Rutherford Road, as per Attachment No. 1. Also included in this project is the construction of watermain, storm sewers, realignment of the West Don River at the bridge crossing, and a proposed fisheries compensation plan that includes on-site realignment works and off-site dam removal works (Concord Floral Dam) to compensate for fish habitat impacts as a result of construction of the new bridge structure at this location.

A key factor influencing the commencement of construction is the granting of approvals by the Toronto Region Conservation Authority (TRCA) and the Department of Fisheries and Oceans (DFO) for realignment of the watercourse and to place road approach fill in the valley. Applications and supporting documentation have been submitted by the City's consulting engineers to the TRCA and DFO. Staff have requested that the TRCA complete their review, including the coordination of DFO review, and report to the TRCA Executive by the November 1, 2001 meeting at the latest. The award of this contract should not be made until TRCA and DFO approvals have been secured.

Tenders closed for this project on September 28, 2001, and the following responses were received:

<u>Contractor</u>	<u>Total Bid Amount</u>
B. Gottardo Construction Ltd.	\$1,320,654.69*
Soncin Construction Corp.	\$1,361,048.52
Graham Bros. Construction Ltd.	\$1,404,183.99
G. Tari Ltd.	\$1,426,689.63*
Con-Strada Construction Inc.	\$1,480,991.64*
Anscon Contracting Ltd.	\$1,508,286.67
C.G. Romano Sons (Toronto) Ltd.	\$1,520,911.54

Brennan Paving & Construction Ltd.	\$1,559,272.33*
Aecon Construction and Materials Ltd.	\$1,747,212.61*
Kapp Construction Inc.	\$1,753,987.31

* Corrected for arithmetic error.

The City's consultant Schaeffers Consulting Engineers has reviewed the submitted bids and checked the arithmetic. The estimated cost of the project including a contingency allowance and all applicable taxes is \$1,820,000 and is obtained as follows:

B. Gottardo Construction Ltd. (including G.S.T.)	\$1,320,654.69
Contingency Allowance (+15%)	\$ 200,000.00
Concord Floral Dam Compensation Engineering (including G.S.T.)	\$ 40,000.00
Treasury Administration (3%)	\$ 200,000.00
	<u>\$ 52,819.64</u>
Total	\$1,813,474.33
Rounded	\$1,820,000.00

Conclusion

The 2001 Capital Budget Project 1298.1 includes a total of \$2,800,000 for the construction of the Creditstone Road Valley Crossing, funded from City Wide Development Charges - Engineering.

B. Gottardo Construction Ltd. has done similar work for the City in the past, with satisfactory results and sufficient funds are available in the 2001 Capital Budget to complete the project. Staff recommend that this contract be awarded to B. Gottardo Construction Ltd. as soon as TRCA and DFO approvals are received.

Attachments

1. Location Map

Report prepared by:

Pat Marcantonio, C.E.T. - Senior Engineering Assistant, ext. 8367
Dan Stevens, P. Eng. - Manager of Engineering/Construction Services, ext. 8257

Respectfully submitted,



FRANK MIELE
Commissioner of Development Services
and Public Works

PM MC



Bill Robinson, P. Eng.
Executive Director of City Engineering
and Public Works