

STAFF REPORT: ENGINEERING AND PUBLIC WORKS DEPARTMENT

REPORT TO: Council
MEETING DATE: November 23, 2009
REPORT NO.: EPW.09.114
SUBJECT: Beaver River Bridge Rehabilitation -
Contract 1 – Contract TBM-2009-71 Award
of Tender
PREPARED BY: Tom Gray, Design Technologist and
Tender Award Committee

A. Recommendation

THAT Council approve the award of Beaver River Bridge Rehabilitation – Contract 1 (TBM-2009-71) to Looby Builders Ltd in the amount of \$620,325.84, excluding GST, as outlined in Report EPW.09.114, “Beaver River Bridge Rehabilitation – Contract 1 – Contract TBM-2009-71 Award of Tender” and;

THAT the Mayor and the Clerk be authorized to execute the Contract Documents for TBM-2009-71.

B. Background

In April and May of 2005, Shaheen & Peaker Limited performed a detailed bridge deck condition survey of the Beaver River Bridge. The procedure followed to complete the condition survey were those defined in Part 1 of the MTO Structural Rehabilitation Manual. The condition survey identified numerous deficiencies with the existing structure. After the Shaheen & Peaker Limited report was completed, Ainley and Associates Limited reviewed the report and completed an overall visual inspection of the structure focusing in particular upon the areas of concern as identified in the report and summarized the findings of the report and recommended rehabilitating the bridge.

During the design period a detailed inspection of the structure of the bridge revealed further deficiencies that necessitated work outside of the original project scope as contemplated by the Ainley Group and Staff. The following work was recommended to be completed in addition to the original work:

- Replacement of bearing pads
- Abrasive blast cleaning and re-coating of steel girders and piers
- Repair structural damage to pier cross member
- Repairs to concrete on abutments

In October 2008, the Town applied for funding to the Ministry of Transportation as part of their Connecting Link Program. The application included addressing the additional deficiencies. The Town did not proceed with the design of the additional work until it was confirmed that funding was received for this work.

In July 2009, the MTO approved the funding including the additional structural work. Due to the late announcement of the MTO Connecting Link funding, it was not possible to complete the design and tender all the bridge works to be completed for this year's construction season. In discussions with MTO Staff on how to carry over the funding to next year's construction season, it was recommended to issue two separate tenders. One tender for the underside of deck work which has been prepared for construction within the MTO's 2009 financial year end reporting deadline of February 2010, referred to as "Beaver River Bridge Rehabilitation – Contract 1 – (TBM 2009-71)". A second tender will be issued to construct the top of deck works within the MTO's 2010 financial year. The work in Contract 1 includes concrete repairs to underside of bridge, replacement of bearing pads and shoe plates, blast cleaning and coating of all underside steel work and structural repairs to the columns.

The MTO granted the Town \$1,294,000 in July 2009 for the complete rehabilitation of the Beaver River Bridge. There is an understanding between the Town and the MTO that only the underside portion of the work can be completed within the MTO financial year. The remaining work (above deck) will be completed in 2010 subject to MTO funding. The MTO understands and is in agreement with the Town spending up to \$950,000 of the original funding amount on the Contract 1 works. This money includes any pre-purchasing of materials the Town feels is warranted.

Tenders for "Beaver River Bridge Rehabilitation – Contract 1 – (TBM-2009-71)" was closed on Thursday, November 12, 2009, and a public tender opening took place on the same day. Nineteen (19) companies obtained tender documents and seven (7) tenders were received. The bids included the required tender deposit cheque of \$40,000, Agreement to Bond, signed and sealed copy of Addendum #1& 2 and tender documents. The received bids were reviewed for accuracy by The Ainley Group to ensure they were mathematically correct. The Consultant's tender report is provided as Attachment #1. The lowest tender received was from Looby Builders Inc. at \$620,325.84, excluding GST. The Town received a total of eight tender proposals. The list of contractors and tender pricing is provided in Attachment #1.

Project Budget

An estimate of the capital cost was undertaken in preparation of the 2009 Capital Budget which set the project budget at \$2,026,800 for the complete rehabilitation of the Beaver River Bridge. The expected project cost for Contract 1 is \$731,500 as shown in Table 1 below. The lowest tender at \$620,325, came in \$16,175 lower than the Engineer's estimate of \$636,500.

Since the project is fully funded from grants and less than, Staff recommend that Council accept the bid of Looby Builders Ltd in the amount of \$620,325.48, excluding GST, being the lowest bid and meeting all the contract document requirements. The tender and award of this project is in compliance with the Town's Purchasing Policy. The award is endorsed by the Tender Award Committee consisting of the CAO, Director or Engineering and Public Works, and Manager of Purchasing or designates.

Table 1
Expected Project Cost
Contract 1

TBM-2009-71	\$620,325
Engineering	\$83,185
Pre-purchase	\$14,000
Utilities	<u>\$14,000</u>
Total Project Cost	\$731,510

C. The Blue Mountains' Strategic Plan

Town's Strategic Plan Goal # 2 "Addressing the Town's Municipal Infrastructure needs" is in part satisfied by the recommended action.

D. Budget Impact

The Beaver River Bridge is one hundred percent funded by the MTO based on recent discussions with MTO Staff. The lowest tender at \$620,325, came in \$16,175 lower than the Engineer's estimate of \$636,500, keeping the project costs within the funding parameters.

E. Attached

1. Beaver River Bridge Rehabilitation – Contract 1 Tender Report prepared by The Ainley Group, dated November 13, 2009.

Respectfully submitted,

Tom Gray
Engineering Design Technologist

Tender Award Committee

Paul Graham
CAO

Reg Russwurm
Director of Engineering
& Public Works

Sherri Adams
Manager of Purchasing

For more information, please contact:
Tom Gray
tgray@thebluemountains.ca
519-599-3131 ext. 277



CONSULTING
ENGINEERS
PLANNERS

Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, Ontario L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail: collingwood@ainleygroup.com

"By E-mail (Original By Mail)"

November 13, 2009

File No. 108093

Mr. Thomas Gray, C.E.T.,
Senior Engineering Technologist
Engineering & Public Works Department
Town of The Blue Mountains
26 Bridge Street, P.O. Box 230
Thornbury, Ontario
N0H 2P0

**Ref: Town of The Blue Mountains
Beaver River Bridge Rehabilitation
Contract No. TBM-2009-71**

Dear Tom:

Tenders for the above noted project were closed at 2:00 p.m. on Thursday, November 12, 2009. Nineteen (19) companies (General Contractors, Sub-contractors and Suppliers) obtained tender documents for the project. Seven (7) tenders were received and opened publicly at the municipal office in the presence of Town staff, Ainley and Associates and representatives from several contractors.

Following the tender opening, all bids were checked for accuracy. There were minor mathematical errors in one of the Tenders but this did not change the order of standing. A copy of the List of Plan Takers and Tender Summary showing the tender amount is enclosed for reference. All bids included a tender deposit cheque (\$40,000), an Agreement to Bond, Addendum 1 and Addendum 2.

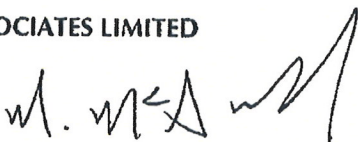
The low tender was received from Looby Builders Ltd. from Dublin, Ontario at a total of \$651,342.51, which includes GST.

In summary, based on the Contractor's work experience and our favorable work experience on similar projects, it is recommended that the Town accept the low bid of Looby Builders Ltd. and award the contract to them at their tender price bid of \$651,342.51, which includes GST.

We trust this is satisfactory. However, if you have any questions, please do not hesitate to call.

Yours truly,

AINLEY & ASSOCIATES LIMITED

For: 

**Mike Neumann, P.Eng.
Vice-President, Transportation Engineering**

c.c Reg Russwurm, MBA, P.Eng.
Director of Engineering & Public Works Department -Town of the Blue Mountains

Summary of Tender Pricing

CONTRACTOR	SUB-TOTAL	5% G.S.T	TOTAL
Ainley's Engineering Opinion of Cost	\$636,500.00	\$31,825.00	\$668,325.00
Looby Builders Ltd.	\$620,325.84	\$31,016.29	\$651,342.13
Clearwaters Structures Inc	\$701,688.00	\$35,084.40	\$736,772.40
Concreate USL Ltd.	\$751,592.92	\$37,579.65	\$789,172.56
Facca Incorporated	\$773,040.00	\$38,652.00	\$811,692.00
Bob Hendrickson Construction Ltd.	\$790,226.40	\$39,511.32	\$829,737.72
Norall Group Contracting Inc	\$846,600.00	\$42,330.00	\$888,930.00
Moloney and Pepping Construction Ltd	\$1,244,330.40	\$62,216.52	\$1,306,546.92