

STAFF REPORT: ENGINEERING AND PUBLIC WORKS DEPARTMENT



REPORT TO: Infrastructure and Recreation
 Committee
MEETING DATE: April 10th 2012
REPORT NO.: EPW.12.035
SUBJECT: Award of Tender 2012-08-T-EPW
 Slabtown Bridge Replacement
PREPARED BY: Tom Gray, Engineering Design
 Technologist

A. Recommendations

THAT Council receive Report EPW.12.035 entitled Award of Tender 2012-08-T-EPW – Slabtown Bridge Replacement; and,

AND THAT Council approve the award of the Slabtown Bridge Replacement Tender (2012-08-T-EPW) to Maloney and Pepping Construction Ltd., in the amount of \$604,779, excluding HST; and,

AND THAT the Mayor and Clerk be authorized to execute the Contract Documents for 2012-08-T-EPW upon the recommendation of the Director of Engineering and Public Works.

B. Background

The Slabtown Bridge in the Town of The Blue Mountains spans the Beaver River and is the only access into the Slabtown community. It was built in 1930 as a single lane Half-Through Truss, sometimes referred to as a Pony Truss, and has a single span of 28.4 metres with a width of 4.9 metres. The bridge is currently posted with a load limit of 9 tonnes which does not permit heavy vehicles into the community. The bridge has been identified for improvements in the Town's Bridge Needs Study.

On March 14, 2012 the Town issued "Request For Tender For The Slabtown Bridge Replacement Contract No. 2012-08-T-EPW". The scope of the Request for Tender included the construction of a temporary access road, the replacement of the Slabtown Bridge and improvements to the concrete abutments and bridge approaches.

Within the tender document, the Contractor will have the option to construct the works in 2012 or 2013, however the Contractor will only be permitted one construction season once work is initiated. There are incentive/dis-incentive and liquidated damages clauses within the Contract to ensure the Contractor minimises the time the bridge is out of service and achieves the completion deadline.

A total of 9 bids were received before the closing date of April 5, 2012. The bids received are as follows:

BIDDER	TENDER AMOUNT (Excluding HST)
Maloney & Pepping	\$604,779.00
Xterra Construction	\$681,498.00
Allen-Hastings	\$693,998.00
Newton Bridge Solutions	\$699,619.28
Clearwater Structures	\$729,872.00
Owen King Limited	\$739,714.00
McPherson-Andrews	\$782,747.00
W.G. Kelly Construction	\$831,254.00
Strat-Con Construction	\$940,260.00

Staff recommend that Council approve Maloney and Pepping’s bid in the amount of \$604,779.00 as they were the lowest responsible bidder.

Since the access easement and land transfer agreements are outstanding, it is recommended that the Contract be executed upon the recommendation of the Director of Engineering and Public Works. The tender has a 60 day closing period. Staff will have until June 4, 2012 to obtain the land Agreements and execute the contract.

C. The Blue Mountains’ Strategic Plan

Completing this project assists with the Town’s Strategic Plan Goal #2 “Addressing the Town’s Municipal Infrastructure needs”.

D. Environmental Impacts

The existing bridge abutments have been designated for rehabilitation, rather than replacement, minimizing the impact to the Beaver River. The existing bridge structure will be replaced while minimizing the disturbance to the watercourse. All bridge works are proposed to be performed from lands adjacent to the bridge site, with demolition of the existing bridge and construction of the replacement bridge structures to occur not over the river.

E. Financial Impact

Below is a chart with the proposed budget for the Slabtown Bridge Replacement and the value of the Tendered work including Engineering/ Contract Administration and Construction costs:

Budget Item	Budget Amount	Actual Cost
Engineering & Contract Administration	\$100,000	\$89,000
Construction	\$1,070,000	\$604,779
Contingency	\$125,000	\$ 0
Total	\$1,352,000	\$693,779

The reduction in actual cost from the budgeted amount is mostly comprised of the super structure (bridge) cost. The anticipated budget surplus is \$658,221 less any contingency that might be expended.

F. In Consultation With

G. Attached

None.

Respectfully submitted

Tom Gray

Tom Gray
Engineering Design Technologist
Works

Reg Russwurm

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Director of Engineering & Public
Works

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