



The Corporation of Delta
COUNCIL REPORT
Regular Meeting

To: **Mayor and Council**

File No.: **R12189**

From: **Engineering Department**

Date: **June 27, 2012**

**10A Avenue (Bayview Drive to 53A Street)
Roadway and Utility Improvements - Consultant Award RFP 12-146**

The following report has been reviewed and endorsed by the Chief Administrative Officer.

▪ **RECOMMENDATIONS:**

- A. THAT the contract for Consultant Services – 10A Avenue (Bayview Drive to 53A Street) Roadway and Utility Improvements be awarded to AMEC Americas Ltd., in accordance with its proposal in the amount of \$125,412.00, including the 12% HST.
- B. THAT the Director of Finance and the Director of Engineering be authorized to execute the contract.

▪ **PURPOSE:**

The purpose of this report is to recommend the acceptance of the best value proposal submitted by AMEC Americas Ltd., for the preliminary design and detailed design of improvements along 10A Avenue between Bayview Drive and 53A Street.

▪ **BACKGROUND:**

At the April 2, 2012 Regular Meeting, Council approved the 2012 Financial Plan which included funding for the 10A Avenue (Bayview Drive and 53A Street) Roadway and Utility Improvements design as outlined on Project Detail Sheet Roads – 18 (Attachment A).

Council Policy:

Contract awards in excess of \$50,000 require Council approval.

▪ **DISCUSSION:**

This project involves the preliminary and detailed design of roadway improvements along 10A Avenue between Bayview Drive and 53A Street in Tsawwassen. Improvements are necessary along this roadway to enhance roadway functionality and condition, replace aging utility infrastructure, and improve the streetscape.

Eight proposals were received for Contract RFP 12-146, Consultant Services – 10A Avenue (Bayview Drive and 53A Street) Roadway and Utility Improvements. The proposals were evaluated based on price, project methodology and company experience. The following companies submitted proposals:

Consulting Firm	Proposal Price (Including HST)
AMEC Americas Ltd.	\$125,412.00
Omega and Associates Engineering Ltd.	\$131,376.00
ISL Engineering and Land Services Ltd.	\$137,037.60
Wedler Engineering Group	\$147,812.00
Paragon Engineering Ltd.	\$160,885.20
Aplin & Martin Consultants Ltd.	\$166,351.36
Web Engineering Ltd.	\$170,570.40
Morrison Hershfield Ltd.	\$212,324.00

AMEC Americas Ltd. proposal received the highest points based on an evaluation of technical merit and price and is considered fair value. AMEC Americas Ltd. has the appropriate level of experience and resources to complete this project. Their proposal was the overall best value proposal received.

Implications:

Financial Implications – The 10A Avenue (Bayview Drive to 53A Street) Roadway and Utility Improvements project is Council approved work within the 2012 Capital Plan. The project costs and available funding are provided below.

Project Costs

Engineering Services	\$ 125,412.00 For Award
Project Allowance	<u>\$ 11,500.00</u>
Sub Total	\$ 136,912.00
Less 10.25% HST Rebate	<u><12,529.89></u>
Net Total Project Costs	\$ 124,382.11

Project Funding

10A Ave – Bayview Dr to 53A St	\$ 115,000.00	Roads - 18
<u>Project Level Testing (\$75,000)</u>	<u>\$ 15,000.00</u>	Roads - 18
Total Available Funding	\$ 130,000.00	

As noted above, the total project cost is \$124,382.11 net of the 10.25% HST rebate. This cost is within the available funding.

▪ **CONCLUSION:**

In accordance with the above, it is recommended that Contract RFP 12-146 Consultant Services – 10A Avenue (Bayview Drive to 53A Street) Roadway and Utility Improvements, be awarded to AMEC Americas Ltd., in the amount of \$125,412.00, including the 12% HST.

Steven Lan, P.Eng.
 Director of Engineering

Department submission prepared by: Vedran Hrbacek, ASCT, Engineering Project Technologist
 VH/gwb

This report has been prepared in consultation with the following listed departments.

Concurring Departments		
Department	Name	Signature
Finance	Karl Preuss	

▪ **ATTACHMENT:**

A. 2012 Project Detail Sheet Roads – 18

2012 CAPITAL PLAN

ROADS - 18

- TCA
- non-TCA

TIE Roads Capital Project Design Development

Project Scope:

The scope of this work involves the preparation of road designs for the Neighbourhood Street Program to be constructed in 2013. Works include the detailed design of 92A Avenue between River Road and 114 Street to an urban collector road standard, 92 Avenue from 114 Street to 120 Street to an urban collector standard, 47A Street from River Road West to 45 Avenue to a local road standard, 48B Street from 47A Avenue to 48 Avenue, 10A Avenue from Bayview Drive to 53A Street and 48A Ave from 57A Street to 59 Street.

Funding Sources:

2012 Tax Draw (Roads) \$535,000

Project Total \$535,000

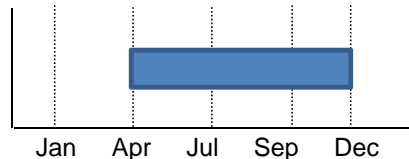
Location:

Annual Associated Operating Costs starting in 2013:

\$

Schedule:

Design



Project Costs:

TCA:

92A Ave - River Rd to 114 St: \$80,000*
 92 Ave - 114 St to 120 St: \$105,000*
 47A St - River Rd W to 45 Ave: \$70,000*
 48B St - 47A Ave to 48 Ave: \$35,000*
 10A Ave - Bayview Dr to 53A St: \$115,000*
 48A Ave - 57A St to 59 St: \$55,000*
 Project level testing: \$75,000

Total Project Cost: \$535,000

* Consistent with the recommendations outlined in the Comprehensive Road Safety Plan

Approvals Required:

Construction Performed by:

Municipal Crew External Contractor

Project Rationale:

It is important to advance designs of road projects in order to determine construction scope, estimate projected costs for future budgeting purposes, and facilitate ideal tender and construction periods for weather and cost reduction reasons.

Program Overview:

The Transportation Infrastructure Enhancement Plan requires Capital Project Design Development for projects to undertaken by the Neighbourhood Street Program. This scope of work is to develop plans for future year construction as advanced project designs in the year preceding construction allow for more accurate construction costs, better allocation of staff resources throughout the year, and the ability to advance the construction to the spring and summer months.