



The Corporation of Delta
COUNCIL REPORT
Regular Meeting

F.02

To: **Mayor and Council**

File No.: **R14-112**

From: **Engineering Department**

Date: **May 26, 2014**

**83 Avenue (114 Street to 116 Street) Roadway Upgrades
Consultant Award**

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

▪ **RECOMMENDATIONS:**

- A. THAT the contract for 83 Avenue (114 Street to 116 Street) Roadway Upgrades be awarded to Wedler Engineering LLP, in the amount of \$84,205.28, including GST.
- 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 obtain Council approval to award a contract to Wedler Engineering LLP.

▪ **BACKGROUND:**

At the January 6, 2014 Regular Meeting, Council approved the 2014 Financial Plan which includes funding for the design of the Neighbourhood Road Improvements Program (Attachment A).

Council Policy:

Contract awards for \$50,000.00 or greater require Council approval.

▪ **DISCUSSION:**

This project involves the preliminary design, detailed design, and construction management for roadway improvements along 83 Avenue between 114 Street and 116 Street in North Delta. The improvements include:

- Roadway widening on 83 Avenue to a 9.0 metre pavement width;
- New curb and gutter, sidewalk and decorative concrete utility strip along the south side of 83 Avenue, west of 116 Street to tie-in with the sidewalk fronting North Delta Secondary School;
- Sidewalk improvements along the north side of 83 Avenue;

- Storm sewer improvements;
- New LED street lighting along 83 Avenue; and,
- Rehabilitation of the existing asphalt pavement.

Improvements are necessary along this roadway to improve pedestrian accessibility to the new Delta Community College (located on the southwest corner of 116 Street and 83 Avenue), improve roadway condition and functionality, streetscape and neighbourhood appearance.

Request for Proposal 14-158, Consultant Services – 83 Avenue (114 Street to 116 Street) Roadway Upgrades, was posted on BC Bid. Nine bids were received.

Bidder	Bid Price (Including GST)
Wedler Engineering LLP	\$84,205.28
Omega & Associates Engineering Ltd.	\$84,420.00
Aplin & Martin Consultants Ltd.	\$91,268.10
AMEC Americas Ltd.	\$93,144.45
CitiWest Consulting Ltd.	\$94,200.75
H.Y. Engineering Ltd.	\$94,864.77
Mainland Engineering Consultants Corporation	\$98,217.00
R.F. Binnie & Associates Ltd.	\$98,844.90
Urban Systems Ltd.	\$166,692.75

Wedler Engineering LLP's bid received the highest points based on an evaluation of technical merit and price and is considered fair value.

Implications:

Financial Implications – Funding for the design and construction management of the 83 Avenue (114 Street to 116 Street) Roadway Upgrades is available from the 2014 Capital Plan Roads – 1. This project was initiated to address the lack of pedestrian facilities fronting the new Delta Community College and to tie-in with previously completed improvements fronting North Delta Secondary School. Council provided direction to staff to include the project at the Financial Plan Workshop. The project costs and available funding are provided below.

Project Costs

Engineering Services	\$ 84,205.28	For Award
Project Allowance	\$ 10,000.00	
Sub Total	\$ 94,205.28	
Less GST Rebate	\$ (4,485.97)	
Net Total Project Costs	\$ 89,719.31	

Project Funding

2014 Roads – 1	\$ 95,000.00
Total Available Funding	\$ 95,000.00

▪ **CONCLUSION:**


It is recommended that Wedler Engineering LLP be awarded the contract for 83 Avenue (114 Street to 116 Street) roadway upgrades, in the amount of \$84,205.28, including GST.



Steven Lan, P.Eng.
Director of Engineering

Department submission prepared by: Heather Cumbridge, ASCT, Engineering Project Technologist
HC/sa

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

Concurring Departments		
Department	Name	Signature
Finance	Karl Preuss	

▪ **ATTACHMENT:**

A. Capital Plan Detail Sheet: 2014 Roads – 1

2014 CAPITAL PLAN

ROADS - 1

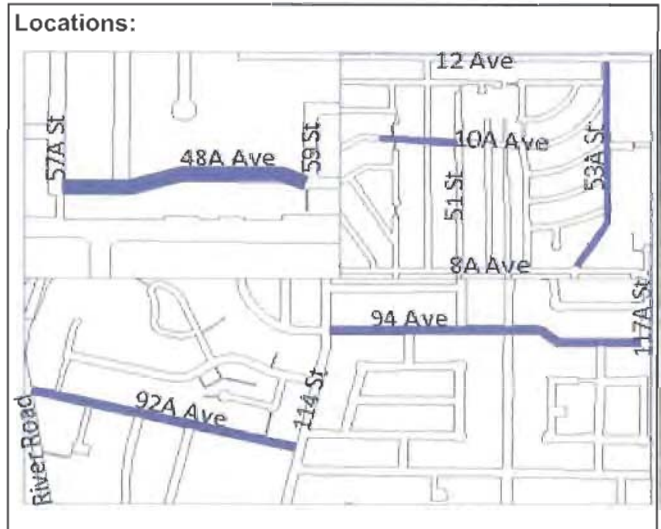
- TCA
- non-TCA

Neighbourhood Road Improvements Program - Construction

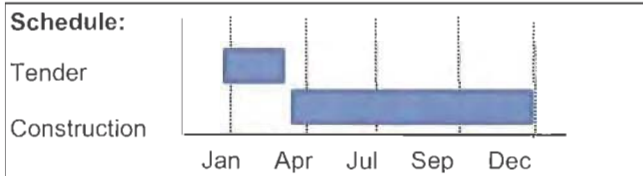
Project Scope:
The scope of this work involves the construction of the Neighbourhood Road Improvement Program projects including the construction of 10A Avenue to a local road standard between 5000 block and 51 Street, 48A Avenue to a local road standard between 57A Street and 59 Street, repaving of 53A Street between 8A Avenue and 12 Avenue, improvements to 92A Avenue between River Road and 114 Street together with the watermain replacement, and the construction of 94 Avenue to a local road standard between 114 Street and 117A Street.

Funding Sources:

2014 Tax Draw (Roads - NRIP)	\$2,459,500
2014 Water Rates	\$500,000
2014 Tax Draw (Drainage)	\$200,000
DCC (R-101)	\$87,000
Cash In Lieu	\$31,500
Soil Deposit	\$300,000
Road Reserves	\$555,000
Project Total	\$4,133,000



Annual Associated Operating Costs starting in 2015:
\$36,000



Project Costs:

10A Avenue - 5000 Blk to 51 Street:	\$300,000
48A Avenue - 57A Street to 59 Street:	\$600,000
53A Street - 8A Avenue to 12 Avenue:	\$515,000
92A Avenue - River Road to 114 Street:	\$1,110,000
94 Avenue - 114 Street to 117A Street:	\$1,568,000
Walkway Replacements:	\$40,000
Total Project Cost:	\$4,133,000
2013 Capital Plan:	\$6,598,000

Approvals Required:
Early approval is requested for this project.

Construction Performed by:
Municipal Crew External Contractor

Project Rationale:
The construction of these improvements will address neighbourhood mobility and accessibility to the rest of the community.

Program Overview:
The Neighbourhood Road Improvement Plan incorporates Capital Project Construction for projects within the Neighbourhood Street Program. This scope of work includes tender and construction during the spring and summer months.