



The Corporation of Delta
COUNCIL REPORT
Regular Meeting

A.21

To: **Mayor and Council**

File No.: **R13-147**

From: **Engineering Department**

Date: **August 16, 2017**

**53 Street and 28 Avenue Roadway and Utility Improvements
Consultant Award**

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

▪ **RECOMMENDATIONS:**

- A. THAT a contract for the 53 Street and 28 Avenue Roadway and Utility Improvements project be awarded to R.F. Binnie & Associates Ltd., in the amount of \$136,340.40, including the GST.
- B. THAT the Director of Engineering and the Director of Finance be authorized to execute the contract.

▪ **PURPOSE:**

The purpose of this report is to obtain Council approval to award a contract to R.F. Binnie & Associates Ltd.

▪ **BACKGROUND:**

At the February 28, 2017 Special Meeting, Council approved the 2017 Financial Plan which included funding for the 53 Street and 28 Avenue Roadway and Utility Improvements project (Attachment A).

Council Policy:

Contract awards for \$50,000 or greater require Council approval.

▪ **DISCUSSION:**

This project involves the preliminary design, detailed design, and construction management for roadway and utility improvements along 53 Street and 28 Avenue in South Delta. The improvements will include intersection improvements, roadway widening with dedicated bike lanes, bus stop improvements and street lighting. Ditch infill along one side of 53 Street is anticipated including a new storm sewer and watermain upgrades.

This project will be coordinated with Metro Vancouver's watermain replacement along 53 Street and 28 Avenue in 2018 and it is envisioned that the construction of this project will follow the completion of Metro Vancouver's watermain installation.

Request for Proposal 17-179, Consultant Services – 53 Street and 28 Avenue Roadway and Utility Improvements, was posted on BC Bid. Seven bids were received.

Bidder	Bid Price (Including GST)
Mainland Engineering Ltd.	\$119,995.05
R.F. Binnie & Associates Ltd.	\$136,340.40
Stantec Consulting Ltd.	\$147,276.15
ISL Engineering and Land Services Ltd.	\$151,814.25
Omega and Associated Engineering Ltd.	\$159,994.80
Aplin & Martin Consultants Ltd.	\$164,920.35
Wedler Engineering LLP.	\$174,769.35

R.F. Binnie & Associates Ltd.'s bid received the highest points based on an evaluation of technical merit, qualifications, and price and is considered fair value.

Implications:

Financial Implications – Funding for the 53 Street and 28 Avenue Roadway and Utility Improvements project is Council approved work within the 2017 Capital Plan. The project costs and available funding are provided below.

PROJECT COSTS

Engineering Services	\$	136,340.40	For Award
Project Allowance	\$	<u>20,000.00</u>	
Sub Total	\$	156,340.40	
Less GST Rebate		<u>< 7,444.80 ></u>	
Net Total Project Costs	\$	148,895.60	

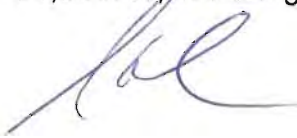
PROJECT FUNDING

2017 Capital Plan - Roads 3	\$	<u>1,150,000.00</u>	Attachment A
Total Available Funding	\$	1,150,000.00	

As noted above, the anticipated total project cost is \$148,895.60, net of the GST rebate. This amount is within the available funding.

▪ **CONCLUSION:**

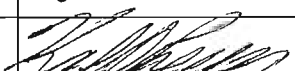
It is recommended that R.F. Binnie & Associates Ltd. be awarded the contract for the 53 Street and 28 Avenue Roadway and Utility Improvement project, in the amount of \$136,340.40, including the GST.



Steven Lan, P.Eng.
Director of Engineering

Department submission prepared by: Dali Ann Mwandacha, Engineering Project Technologist
DMw/ht/gb/bm

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

Concurring Department		
Department	Name	Signature
Finance	Karl Preuss	

▪ **ATTACHMENT:**

A. Capital Plan Detail Sheet: 2017 Roads – 3

2017 CAPITAL PLAN

ROADS - 3

TCA

non-TCA

Arthur Drive Improvements - Augustine House to Deltaport Way

Project Scope:

This phase of the project includes road paving, bus stop improvements, bike lane, street lighting along Arthur Drive from Augustine House to Deltaport Way and minor widening in the vicinity of 28 Avenue between 53 Street and 52 Street.

Funding Sources:

2017 Tax Draw (Roads)	\$1,087,000
Road Reserves	\$63,000

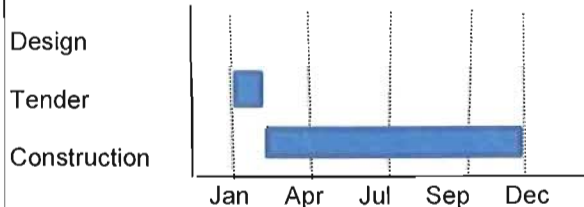
Project Total	\$1,150,000
----------------------	--------------------

Location:



Annual Associated Operating Costs starting in 2018:
\$18,000

Schedule:



Project Costs:

TCA:

2013 - Design: \$220,000
 2014 - Land, culvert, hydro relocation: \$1,030,000
 2016 - 44 Avenue to Augustine House: \$3,400,000
 2017 - Augustine House to Deltaport Way: \$1,150,000
 2018 - Deltaport Way to 28 Avenue: \$1,450,000

Non-TCA:

2014 - Right-of-way: \$80,000

Total Project Cost: \$7,330,000

Approvals Required:

This project received early approval at the December 12, 2016 Regular Council Meeting.

Construction Performed by:

Municipal Crew External Contractor

Project Rationale:

This project will improve street aesthetics and correct drainage, sidewalk and street lighting deficiencies.

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.