



City of Delta
COUNCIL REPORT
Regular Meeting

F.07

To: **Mayor and Council**

File No.: **R17-103**

From: **Engineering Department**

Date: **March 2, 2018**

8A Avenue Road Improvements Contract Award

The following report has been reviewed and endorsed by the Acting City Manager.

▪ **RECOMMENDATIONS:**

- A. THAT a contract for the 8A Avenue Road Improvements be awarded to TAG Construction Ltd. in the amount of \$2,069,718.00, including 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 TAG Construction Ltd. for road and drainage improvements along 8A Avenue from English Bluff Road to 52 Street.

▪ **BACKGROUND:**

At the February 19, 2018 Regular Meeting, Council approved the 2018 Capital Plan which included the 8A Avenue Road Improvements project from English Bluff Road to 52 Street, as outlined on the Capital Plan Detail Sheet (Attachment A).

Council Policy:

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

▪ **DISCUSSION:**

The work generally consists of roadway widening, curb and gutter, concrete sidewalk, bike lanes, drainage improvements as well as ornamental street lighting along the north side of 8A Avenue between English Bluff Road to 52 Street.

Invitation to Tender No. 18-042, 8A Avenue Road Improvements (English Bluff Rd to 52 St), was posted on BC Bid. Six bids were received.

Bidder	Bid Price (including GST)
TAG Construction Ltd.	\$ 2,069,718.00
Arsalan Construction Ltd.	\$ 2,087,400.00
Mainland Sand & Gravel ULC dba Winvan Paving	\$ 2,169,322.80
Key-West (333) Ltd.	\$ 2,197,629.00
Eurovia British Columbia Inc.	\$ 2,218,873.66
Lafarge Canada Inc.	\$ 2,401,125.30

TAG Construction Ltd.'s bid was the lowest priced and meets the requirements for the project.

Implications:

Financial Implications – The 8A Avenue Road Improvements project is Council approved work within the 2018 Capital Plan. The project costs are provided below.

PROJECT COST:

Tender Value (18-042)	\$ 2,069,718.00	For Award
Civil Consulting Services	\$ 320,852.00	Awarded
CCTV of Storm Utilities	\$ 11,772.99	Awarded
Material Testing	\$ 10,000.00	Estimated
Project Allowance	\$ <u>300,000.00</u>	Estimated
Total Construction Cost (including GST)	\$ 2,712,342.99	
Less GST Rebate	\$ <u>(129,159.19)</u>	
Net Total Project Cost	\$ 2,583,183.80	

PROJECT FUNDING:

2018 ROADS - 1	\$ 2,488,500.00	Attachment A
2017 ROADS - 2	\$ <u>350,000.00</u>	Attachment B
Total Available Funding	\$ 2,838,500.00	

As noted above, the anticipated total project costs are \$2,583,183.80, net of the GST rebate. This amount is within the available funding.

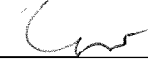
CONCLUSION:

It is recommended that TAG Construction Ltd. be awarded a contract for the 8A Avenue Road Improvements project in the amount of \$2,069,718.00, including GST.



Steven Lan, P.Eng.
Director of Engineering

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

Concurring Departments		
Department	Name	Signature
Finance	Karl Preuss	

▪ **ATTACHMENTS:**

- A. Capital Plan Detail Sheet (2018 ROADS – 1)
- B. Capital Plan Detail Sheet (2017 ROADS – 2)

2018 CAPITAL PLAN

ROADS - 1

- TCA
- non-TCA

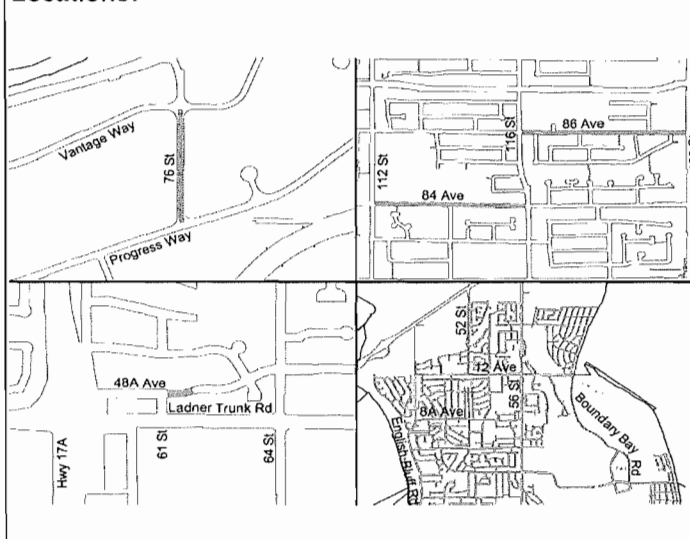
Neighbourhood Road Improvements Program - Construction

Project Scope:
The scope of this work involves the construction of the Neighbourhood Road Improvement Program projects which include the construction of 84 Avenue between 112 Street and 116 Street, 86 Avenue between 116 Street and 120 Street, 8A Avenue between English Bluff Road and 52 Street, 52 Street between 12 Avenue and the PRV station, 48A Avenue sidewalk improvements, 76 Street sidewalk improvements from Progress Way to Vantage Way and Boundary Bay Road repaving.

Funding Sources:

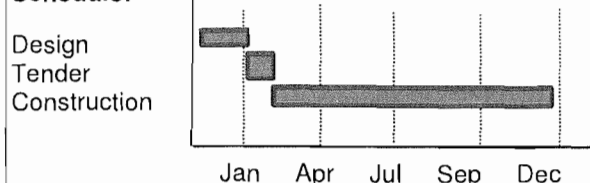
2018 Tax Draw (Roads)	\$1,204,500
2018 Tax Draw (Roads - NRIP)	\$5,290,000
2018 Tax Draw (Drainage)	\$634,500
DCC (R-003)	\$452,000
DCC (D-001)	\$83,500
Cash in Lieu	\$47,500
Roads Reserves	\$708,500
TransLink (WITT)	\$171,000
TransLink (BICCs)	\$75,000
TransLink (TRRIP)	\$40,000
Metro Vancouver	\$100,000
Community Works Fund	\$380,000
Developer Contribution	\$153,000
Soil Deposit	\$125,000
Project Total	\$9,464,500

Locations:



Annual Associated Operating Costs starting in 2019:
\$96,000

Schedule:



Project Costs:

- 84 Avenue - 112 Street to 116 Street: \$3,019,500
- 86 Avenue - 116 Street to 120 Street: \$1,377,500
- 8A Avenue - English Bluff Road to 52 Street: \$2,488,500
- 52 Street - 12 Avenue to PRV Station: \$1,760,000
- 48A Avenue - 6100 block: \$75,000
- 76 Street - Progress Way to Vantage Way: \$165,000
- Boundary Bay Road Repaving: \$579,000

Total Project Cost: \$9,464,500

2017 Capital Plan: \$6,960,000

Approvals Required: This project received early approval at the Dec 11, 2017 Regular Council Meeting.

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.

2017 CAPITAL PLAN

ROADS - 2

- TCA
- non-TCA

Neighbourhood Road Improvements Program - Design

Project Scope:

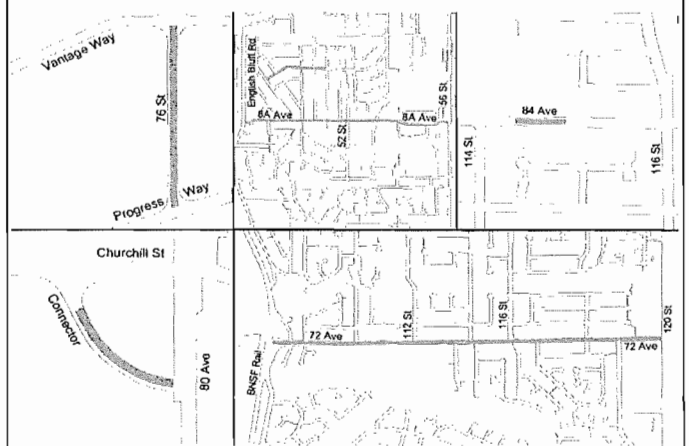
This program involves the preparation of road designs for the Neighbourhood Road Improvement Program to be constructed in future years. Design projects include sidewalk improvements on 76 Street between Progress Way and Vantage Way, 8A Avenue between English Bluff Road and 56 Street, *North Delta Performing Arts Centre access and frontage improvement on 84 Avenue, EOC Firehall frontage improvement and 72 Avenue 4 Laning Design. Storm water best management practices will be included in the design of these projects.

Funding Sources:

Road Reserves \$705,000

Project Total \$705,000

Location:

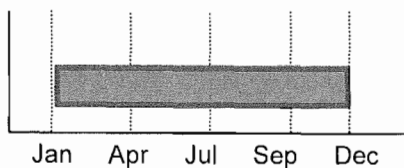


Annual Associated Operating Costs starting in 2018:

\$

Schedule:

Design



Project Costs:

76 Street - Progress Way to Vantage Way: \$10,000
 8A Avenue - English Bluff Road to 56 Street: \$350,000
 *North Delta Performing Arts Centre Access: \$100,000
 EOC Firehall Frontage: \$25,000
 72 Avenue 4 Laning: \$220,000

Total Project Cost: \$705,000

2016 Capital Plan: \$542,000

Approvals Required:

*Subject to Council approval, including referral to a Public Hearing.

Construction Performed by:

Municipal Crew External Contractor

Project Rationale:

The design of these improvements will address neighbourhood mobility and accessibility to the rest of the community.

Program Overview:

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. Having construction drawings shelf-ready often allows for tendering immediately following budget approval.