



The Corporation of Delta  
**COUNCIL REPORT**  
**Regular Meeting**

To: **Mayor and Council** File No.: **R17-103**  
 From: **Engineering Department**  
 Date: **March 31, 2017**

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**8A Avenue (English Bluff Road – 56 Street) Roadway and Utility Improvements  
 Consultant Award**

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

▪ **RECOMMENDATIONS:**

- A. THAT a contract for the 8A Avenue (English Bluff Road – 56 Street) Roadway and Utility Improvements project be awarded to CitiWest Consulting Ltd. in the amount of \$282,420.60, including the GST.
- B. THAT the Director of Engineering and the Director of Finance be authorized to execute the contract.

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▪ **PURPOSE:**

The purpose of this report is to obtain Council approval to award a contract to CitiWest Consulting Ltd.

▪ **BACKGROUND:**

At the February 28, 2017 Special Meeting, Council approved the 2017 Financial Plan which includes funding for the 8A Avenue (English Bluff Road to 56 Street) Roadway and Utility Improvements project, as outlined on the 2017 Capital Plan Detail Sheet (Attachment A).

**Council Policy:**

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

▪ **DISCUSSION:**

The project involves the preliminary design, detailed design and construction management for roadway and utility improvements on 8A Avenue between English Bluff Road and 56 Street. The improvements include:

- Roadway widening as necessary to a 12m road width to provide adequate pavement width for 1.5m bike lanes on both sides of 8A Avenue, two travel lanes, one parking lane, and 1.5m wide concrete sidewalk on both sides of 8A Avenue with barrier curb and gutter;
- Pavement rehabilitation as necessary;

- Bus stop improvements and new bus stop locations in conjunction with TransLink and Coast Mountain Bus Company;
- New pedestrian crossings and crosswalk upgrades as determined by pedestrian and traffic counts;
- New LED street lighting;
- Traffic signal upgrades at 8A Avenue and 56 Street;
- New 375 diameter PVC sewer main on 8A Avenue between 54 Street and 56 Street;
- Boulevard trees and rain gardens;
- Drainage improvements including ditch infill and minor storm replacement; and,
- Storm water best management practices.

Improvements are necessary along this roadway to complete the street profile. Sidewalk and street lighting improvements are necessary for pedestrian and cyclist safety.

A Request for Proposal 17-058, Consultant Services – 8A Avenue (English Bluff Road – 56 Street) Roadway and Utility Improvements, was posted on BC Bid. Five bids were received.

| Bidder                               | Bid Price (including GST) |
|--------------------------------------|---------------------------|
| <b>CitiWest Consulting Ltd.</b>      | <b>\$282,420.60</b>       |
| Mainland Engineering                 | \$321,880.65              |
| Aplin and Martin Consultants Ltd.    | \$366,473.10              |
| Omega & Associates Engineering Ltd.. | \$375,874.80              |
| Wedler Engineering LLP               | \$376,660.73              |

CitiWest Consulting Ltd. received the highest points based on an evaluation of technical merit, qualifications, and price and is considered fair value.

#### **Implications:**

Financial Implications – Funding for 8A Avenue (English Bluff Road – 56 Street) Roadway and Utility Improvements is available from the 2017 Capital Plan. The project costs and available funding are provided below:

#### **PROJECT COSTS:**

|                               |    |                   |                  |
|-------------------------------|----|-------------------|------------------|
| Engineering Services          | \$ | <b>282,420.60</b> | <b>For Award</b> |
| Project Allowance             | \$ | 30,000.00         |                  |
| Subtotal                      | \$ | 312,420.60        |                  |
| Less GST Rebate               | \$ | (14,877.17)       |                  |
| <b>Net Total Project Cost</b> | \$ | <b>297,543.43</b> |                  |

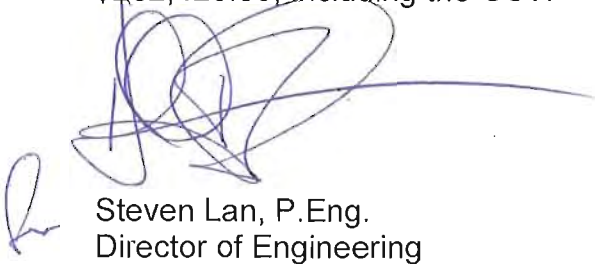
#### **PROJECT FUNDING:**

|                                |    |                   |              |
|--------------------------------|----|-------------------|--------------|
| 2017 Capital Plan - ROADS 2    | \$ | 350,000.00        | Attachment A |
| <b>Total Available Funding</b> | \$ | <b>350,000.00</b> |              |

As noted above, the anticipated total project cost is \$297,543.43, net of the GST rebate. This amount is within the available funding.

▪ **CONCLUSION:**


It is recommended that CitiWest Consulting Ltd. be awarded the contract for 8A Avenue (English Bluff Road – 56 Street) Roadway and Utility Improvements in the amount of \$282,420.60, including the GST.



Steven Lan, P.Eng.  
Director of Engineering

Department submission prepared by: Dali Ann Mwandacha, Project Technologist  
DMw/gwb/ll

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

| Concurring Department |             |  |
|-----------------------|-------------|--|
| Department            | Name        | Signature  |
| Finance               | Karl Preuss |  |

▪ **ATTACHMENT:**

A. 2017 Capital Plan Detail Sheet: 2017 ROADS – 2

# 2017 CAPITAL PLAN

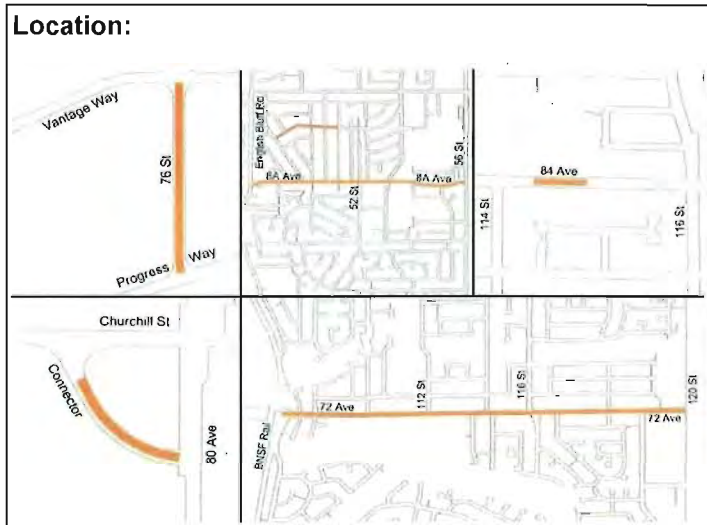
# ROADS - 2

- TCA
- non-TCA

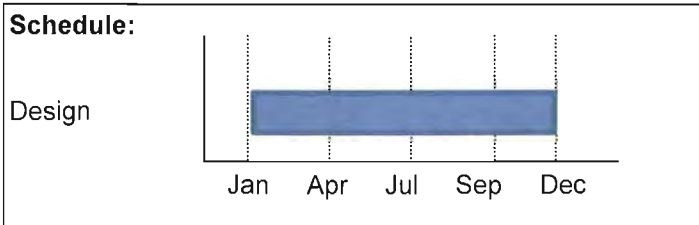
## Neighbourhood Road Improvements Program - Design

**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.

|                         |                                |
|-------------------------|--------------------------------|
| <b>Funding Sources:</b> |                                |
| Road Reserves           | \$705,000                      |
| <b>Project Total</b>    | <b><u><u>\$705,000</u></u></b> |



**Annual Associated Operating Costs starting in 2018:**  
\$



**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.