



To: Public Works and Transportation Committee

Date: July 6, 2011

From: John Irving, P.Eng. MPA
Director, Engineering

File: 10-6340-20-
P.11203/Vol 01

Re: Award of Contract 4230P – Detailed Design and Construction Services for the
Widening of Westminster Highway and Nelson Road

Staff Recommendation

That Contract 4230P – Detailed Design and Construction Services for the Widening of Westminster Highway and Nelson Road be awarded to Delcan for the amount of \$775,904 plus HST.

John Irving, P.Eng. MPA
Director, Engineering
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ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Budgets		Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Roads and Construction		Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Transportation		Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
REVIEWED BY TAG		YES		NO	
		<input type="checkbox"/>		<input type="checkbox"/>	
REVIEWED BY CAO		YES		NO	
		<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Staff Report

Origin

The widening of Westminster Highway and Nelson Road was approved by Council as part of the 2011-2015 Capital Budget. Staff have proceeded with procurement of the design services. Procurement Policy 3104 requires Council approval for the award of proposals that exceed \$500,000.

The purpose of this report is to seek Council approval to award Contract 4230P.

Analysis

Westminster Highway is currently two lanes wide between No. 6 Road and McMillan Road. Nelson Road south of Westminster Highway is also two lanes wide. As the amount of industrial activity has increased in the Port Metro Vancouver lands at the south ends of No. 8 Road and Nelson Road, there has been a corresponding increase in the amount of heavy vehicle traffic on Westminster Highway. To address this traffic, the following projects have been identified by the City of Richmond, Province of British Columbia, Port Metro Vancouver, and Translink:

- a) Widening Westminster Highway from McMillan Road to Highway 91 at the Hamilton Interchange from two (2) lanes to four (4) lanes (this work is now completed).
- b) A new interchange at Highway 91 and Nelson Road (this is currently under construction).
- c) Widening Westminster Highway from Nelson Road to McMillan Road from two lanes to four lanes (this project).
- d) Widening Nelson Road from Blundell Road to Westminster Highway from two lanes to four lanes (this project).

A public Request for Expression of Interest for the Westminster Highway and Nelson Road Widening detailed design and construction services was prepared by staff in February 2011. Nine responses were received and four were selected based on the technical merits of the submissions.

A Request for Proposal was issued to the four preferred proponents on May 27, 2011. The following proposal prices were received on June 21, 2011 as follows:

<u>Company</u>	<u>Total Amount</u>
Delcan	\$ 775,904
RF Binnie & Associates ltd.	\$ 876,424
Urban Systems Ltd.	\$ 899,970
Focus Corporation	\$ 927,845

Staff have reviewed and evaluated the proposals from each proponent and recommend that Delcan be awarded this contract.

Procurement Policy 3104 requires Council approval for the award of proposals that exceed \$500,000.

Financial Impact

This project was approved by Council in the 2011-2015 Capital Budget cycle. The total funding for the project is being phased over the 2011 to 2013 Fiscal Years. Budget is in place under:

- 2011 capital accounts 41268 (Westminster Hwy: Nelson Rd to McMillan Way) and 41263 (Nelson Road Improvements).
- 2012 capital submissions 4251 (Westminster Hwy: Nelson Rd to McMillan Way) and 4252 (Nelson Road Improvements).
- 2013 capital submissions 4254 (Westminster Hwy: Nelson Rd to McMillan Way) and 4255 (Nelson Road Improvements).

The current budget in the 2011 accounts totals \$3,834,000. The total Council approved 2011-2015 budget for the project is \$11,502,000.

Table 1 -Estimated Cost to Complete the Project

Current Budget as of June 30, 2011	
41268 – Westminster Hwy: Nelson Rd to McMillan Way	\$ 2,683,333.00
41263 – Nelson Road Improvements	\$ 1,150,667.00
Total 2011 Approved Budget	\$ 3,834,000.00
2012 Capital Submission 4251 – Westminster Hwy: Nelson Rd to McMillan Way	\$ 2,683,333.00
2012 Capital Submission 4252 – Nelson Road Improvements	\$ 1,150,667.00
2013 Capital Submission 4254 – Westminster Hwy: Nelson Rd to McMillan Way	\$ 2,683,333.00
2013 Capital Submission 4255 – Nelson Road Improvements	\$ 1,150,667.00
Total 2012 & 2013 Budget (Approved in 5 year Plan)	\$ 7,668,000.00
Total Budget	\$ 11,502,000.00
Estimated Costs	
Land Acquisition Services	\$ 200,000.00
Design and Construction Services	\$ 775,904.00
Non-recoverable HST (1.75%)	\$ 17,078.32
Total Estimated Costs as of June 30, 2011	\$ 992,982.32
Funds Remaining	\$ 10,509,017.68

Conclusion

The widening of Westminster Highway and Nelson Road is required to accommodate the heavy truck traffic generated by the industrial area located at the south end of Nelson Road. It will tie into the new Nelson Road Interchange and help remove the heavy truck traffic from Westminster Highway west of Nelson Road. Staff have called for proposals for detailed design services, and the proposal received from Delcan is the most advantageous to the City.



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