



To: Public Works and Transportation Committee **Date:** February 24, 2003
From: Steve Ono, P.Eng. **File:** 6340-20-P.01202
Director, Engineering
Re: Award of Contract T.1546 - Roadway and Utilities Construction - Garden City
Road from Patterson Road to Bridgeport Road

Staff Recommendation:

That the report regarding award of Contract T.1546 - Roadway and Utilities Construction - Garden City Road from Patterson Road to Bridgeport Road to the lowest bidder, Imperial Paving Ltd., be received for information.

Steve Ono, P.Eng.
Director, Engineering
(4394)

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ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Transportation	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

Staff Report

Origin

This project is part of the 2001 and 2002 Capital Programs as approved by Council. Due to delays involved in relocation of the existing Mohawk gas station at the site, tenders were not issued until now.

Background

This project includes the extension of Garden City Road from Patterson Road through Sea Island Way and Bridgeport Road to 100 metres north. The road extension will complement the overall network improvements resulting from the Airport Connector project and is critical in facilitating vehicle movements. This project is consistent with the City Centre Transportation Plan in providing an alternate north-south route to the Bridgeport industrial area.

Scope of Work

This project entails roadway construction including curb and gutter, drainage works, traffic control and streetlighting for the construction of two intersections, Garden City Road at Sea Island Way and at Bridgeport Road, and the extension of Garden City Road between those two roads.

Construction started March 3, 2003 and is expected to continue through August 2003, subject to weather, other uncontrollable delays or environmental remediation by Husky Energy, the owners of the Mohawk service station.

Tender Results

The estimated cost for the work tendered was \$1,193,684.00.

The City received three (3) tenders for this project, and these were reviewed by staff. Tenders were as follows:

TENDERER	TOTAL TENDERED AMOUNTS
Imperial Paving Ltd.	\$ 989,803.04
Progressive Contracting (Delta) Ltd.	\$ 1,095,000.00
Jack Cewe Ltd.	\$ 1,231,935.80

The total available funding including grants is \$2,663,000.00. A cost breakdown is included in Appendix A.

Analysis

All tenders were checked for legal or mathematical errors. The low bidder for Contract T.1546 is Imperial Paving Ltd. This contractor has recent experience with similar capital projects in Richmond (including the 98 B-Line project) and other Lower Mainland municipalities. Their experience and references are acceptable to staff.

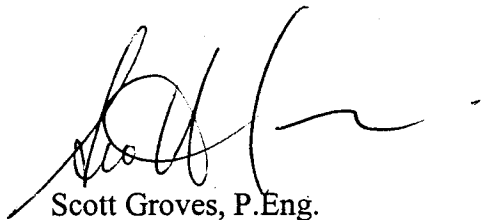
Financial Impact

Current Funding Available from City	\$ 1,755,000.00 (as approved in 2001 Capital Budget)
Grant Funding from Translink	\$ <u>908,000.00</u> (approved)
Total Funding Available	\$ 2,663,000.00
Funding Required	\$ <u>2,157,000.00</u>
Remaining Balance	\$ 506,000.00

Funding details are shown in APPENDIX A.

Conclusion

Staff is awarding Contract T.1546 to Imperial Paving Ltd. in the amount of \$989,803.04 plus GST.



Scott Groves, P.Eng.
Project Engineer, Engineering Design and Construction
(4179)

SG:sg

APPENDIX A

COST BREAKDOWN: TENDER NO. T. 1546	
Tender	\$989,803.04
GST (3%)	\$29,694.09
Overhead on Tender (5%)	\$49,490.15
Utility Amount	\$265,000.00
Electrical Contract (estimate incl. overhead & taxes)	\$260,000.00
Landscaping & Public Art (budget)	\$250,000.00
Land Acquisition	\$200,000.00
City Amount	\$10,000.00
SubTotal	\$2,053,987.28
Contingency (5%)	\$102,699.36
Estimated Total Project Cost	\$2,156,686.64

Funding sources are as follows:

Funding Source: Tender T.1546	Project	Proposed Funding*	Total Package Funding Required	Additional Funding Required (Unallocated)
2001 Capital Budget	Garden City Road Extension – Phase 1	\$ 1,755,000.00	\$ 1,357,000.00	(\$ 398,000.00)
Translink Grant extension (max. \$908,000)	Garden City Road Extension – Phase 1	\$ 908,000.00	\$ 800,000.00	(\$ 108,000.00)
TOTAL		\$ 2,663,000.00	\$ 2,157,000.00	(\$ 506,000.00)

*Note: Grant is approved by Translink, but funds are not forwarded until a claim is made after the construction is complete. The grant will be only applied as 50% of eligible expenses.