



## City of Richmond

## Report to Committee

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<b>To:</b>	Public Works and Transportation Committee	<i>To PW&amp;T - Aug 20, 2003</i>
<b>From:</b>	Gordon Chan, P. Eng. Director, Transportation	<b>Date:</b> July 16, 2003 <i>Xr: 6450-01</i> <i>File: T.1553</i>
<b>Re:</b>	<b>AWARD OF CONTRACT T.1553 - MAINTENANCE OF TRAFFIC SIGNAL SYSTEMS</b>	

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### Staff Recommendation

That contract *T.1553 - Maintenance of Traffic Signal Systems in Richmond* be awarded to the lowest qualified bidder, Cobra Electric Limited, at a bid price of \$365,595.34.

Gordon Chan, P. Eng.  
Director, Transportation  
(4021)

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CONCURRENCE OF GENERAL MANAGER

## **Staff Report**

### **Origin**

The purpose of this staff report is to seek the approval of Council to award the 2004 Traffic Signal Maintenance Contract (T.1553) to Cobra Electric Limited for the tendered amount of \$365,595.34.

The maintenance of traffic signal controllers, cabinets, electronic control equipment and data communications cable networks requires specialized skills. The work to be performed under contract T.1553 involves the provision of skilled labour and specialized equipment necessary to maintain sophisticated traffic signal components and a city-owned voice/data communications conduit/cable network in the City of Richmond, British Columbia.

Contract T.1553 is a one-year contract covering 24-hour traffic signal maintenance and installation works commencing January 1, 2004 to December 31, 2004. Approximately 250 signalized traffic devices and over 95 km of copper communications cable are included in this contract. This contract may be extended for up to four additional one-year increments upon mutual consent between the contractor and the City.

### **Analysis**

Two tenders for contract T.1553 were received on July 8, 2003 as follows:

- Cobra Electric Limited - \$365,595.34
- Imperial Electric Limited - \$400,166.97

The tenders were reviewed to confirm the submission and completion of required forms. Both tenders submitted were acceptable.

The lowest bidder, Cobra Electric Limited is currently providing traffic signal maintenance work for a number of local municipalities including: City and District of North Vancouver, District of West Vancouver, Cities of Richmond, Surrey, Burnaby and Coquitlam, and the Township of Langley. Cobra Electric Limited has been Richmond's traffic signal maintenance contractor since 1985 covering multiple signal maintenance contracts and is familiar with Richmond's traffic signal physical plant.

Imperial Electric Limited has experience in traffic signal installation, including a number of projects in Richmond, but has limited related maintenance experience.

### **Financial Impact**

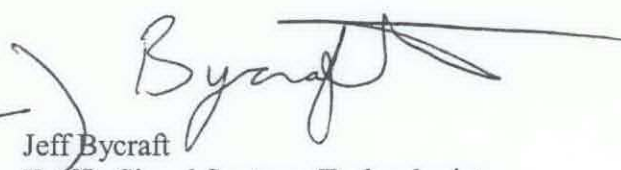
Payment for labour, equipment and materials in the contract will be for the actual quantities that are incorporated in or made necessary for the work covered by the contract.

The maintenance work for this contract is funded from the Traffic Signal and Communications Network maintenance accounts (4165-10-556-55640-0000 and 4165-10-556-55650-0000) and the Major Road Network signal maintenance account (4994-10-414-45431).

The current five-year traffic signal contract expires on December 31, 2003.

### Conclusion

The lowest bidder, Cobra Electric Limited, has been Richmond's traffic signal maintenance contractor since 1985, covering multiple signal maintenance contracts. Cobra Electric has given the city quality and cost effective services over this time. Of the two tenders received, Cobra Electric Limited represents the best value and has the required experience, staff and equipment resources to maintain Richmond's traffic signal systems.



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Traffic Signal Systems Technologist  
(4031)

JRB:lce