



# City of Richmond

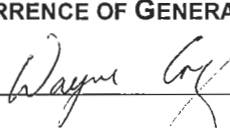


## Report to Committee

**To:** Public Works and Transportation Committee **Date:** July 20, 2021  
**From:** Lloyd Bie, P. Eng. **File:** 02-0775-50-7181/Vol  
 Director, Transportation 01  
**Re:** **Recommendation to Award Contract 7181Q - Supply and Installation of Conduits and Water Service Pipes using Trenchless Technology and Other Related Civil Works**

### Staff Recommendation

1. That Contract 7181Q – “Supply and Installation of Conduits and Water Service Pipes using Trenchless Technology and Other Related Civil Works” for an initial three year term estimated at \$4,548,000 exclusive of taxes, with an option to renew for one further two-year term for a maximum of five years, be awarded to Ulmer Contracting Limited;
2. That staff be authorized to extend the contract for the final two years of the five year contract; and
3. That the Chief Administrative Officer and General Manager, Planning and Development, be authorized to execute the above contract.

Lloyd Bie P. Eng.  
 Director, Transportation  
 (604-276-4131)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Finance	<input checked="" type="checkbox"/>	 Acting GM
Purchasing	<input checked="" type="checkbox"/>	
Parks Services	<input checked="" type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	
Roads & Construction	<input checked="" type="checkbox"/>	
Water Services	<input checked="" type="checkbox"/>	
<b>SENIOR STAFF REPORT REVIEW</b>	INITIALS: 	<b>APPROVED BY CAO</b> 

## Staff Report

### Origin

Contract 7181Q (*Supply and Installation of Conduit & Water Service Pipes Using Trenchless Technology and Other Related Civil Works*) uses horizontal directional drilling methods (trenchless technology) to install conduits and water service pipes in various configurations on an as-needed basis. The current contract between the City and Ulmer Contracting Limited expired on August 9, 2021 and is currently being extended on a month-to-month basis.

Following the completion of a Request for Quotations process to identify a qualified civil contractor, staff recommend that Ulmer Contracting Limited be awarded the new contract.

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

*Enhance and protect the safety and well-being of Richmond.*

*1.2 Future-proof and maintain city infrastructure to keep the community safe.*

This report supports Council's Strategic Plan 2018-2022 Strategy #5 Sound Financial Management:

*Accountable, transparent, and responsible financial management that supports the need of the community into the future*

*5.3 Decision-making focuses on sustainability and considers circular economic principles.*

This report supports Council's Strategic Plan 2018-2022 Strategy #6 Strategic and Well-Planned Growth:

*Leadership in effective and sustainable growth that supports Richmond's physical and social needs.*

*6.3 Build on transportation and active mobility networks*

### Analysis

The City has been using trenchless technology to install City infrastructure since 2000. In some applications, trenchless technology is more efficient, safer and cost-effective when compared to open cut or trench digging. It also has less impact to the environment and the general public compared to open cut or trench digging.

### Procurement Process

A competitive procurement process was undertaken to identify the most qualified and experienced contractor to supply and install conduits and water service pipes using trenchless technology and other related civil works. The contract term will be for three years with the option to renew for an additional two years to a maximum of five years total.

A Request for Quotations (RFQ) was posted on BC Bid by the City on June 3, 2021. One submission was received from Ulmer Contracting Limited.

Transportation staff have evaluated the submission and have determined Ulmer Contracting offers good value and has the experience and equipment required to meet the needs of multiple City departments who utilize these services.

The proposed rates for the new contract represent good value when compared against previous contract rates. Pricing for the initial three year term of the contract will remain unchanged. Any proposed changes to the rates for the fourth and fifth year will be communicated by the contractor to the City for consideration. Pricing adjustments beyond the initial term of the contract will require justification and be supported by cost data based on industry price indices.

The scope of the contract includes the supply and installation of electrical and communications conduit, junction boxes, vaults, concrete pole bases, concrete controller and UPS bases, water service pipes, and other related civil and electrical works.

**Financial Impact**

The proposed contract will be funded from multiple Council approved budgets. The amount of \$1,516,000 is an estimate for Year 1 or \$4,548,000 for the initial three year term. The actual work will be defined and issued on an “as required” basis. Table 1 provides the estimated value of the contract by City department for Year 1.

*Table 1: Estimated Value of Contract by Department for Year 1*

Department	Value	%
Transportation	\$725,000	47.8%
Roads & Construction	\$362,500	23.9%
Water Services	\$362,500	23.9%
Parks	\$66,000	4.4%
<b>Total</b>	<b>\$1,516,000</b>	<b>100%</b>

**Conclusion**

Ulmer Contracting Limited, has been the City’s drilling contractor since 2004 and has provided the City with quality and cost-effective services over this period of time. Staff recommend that Contract 7181Q be awarded to Ulmer Contracting Limited and that staff be authorized to extend the contract for the final two years of the five year contract. Staff further recommend that the Chief Administrative Officer and General Manager, Planning and Development, be authorized to execute the above contract.



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 BJ:jc