NO: R083   COUNCIL DATE: May 25, 2020

REGULAR COUNCIL

TO: **Mayor & Council**   DATE: **May 21, 2020**

FROM: **General Manager, Corporate Services**   FILE: **1355-40**
General Manager, Policing Transition

SUBJECT: **Purchase of Oracle Database Security Modules**

RECOMMENDATION

The Corporate Services Department and the Policing Transition Department recommend that Council:

1. Approve a single source purchase from Oracle Corporation in the amount of $457,750.00, including GST & PST, for the purchase of Oracle Database Security Modules and one year of maintenance support;

2. Set the expenditure authorization limit at $503,525.00 (including GST & PST and contingency); and

3. Authorize the General Manager, Corporate Services to execute all related agreements and approve payments up to the expenditure authorization limit.

INTENT

The purpose of this report is to obtain Council's approval to award a single source purchase from Oracle Corporation ("Oracle") for Oracle Database Security Modules and one year of maintenance support, to meet enhanced security requirements for policing information.

BACKGROUND

On February 27, 2020, the Minister of Public Safety and the Solicitor General authorized the establishment of the Surrey Police Board. The City is currently developing the information technology systems to support the Board and the Surrey Police Department. Once the department is operational, sensitive data will need to be stored. Due to the heightened sensitivity of data that will be stored within the existing City software applications, a security review was conducted by an independent third party.

DISCUSSION

The City's existing applications are protected using state-of-the-art security tools and practices. However, the City does not currently host any sensitive police information. Protecting such

information necessitates the addition of new technological controls and procedures. Given the importance of this overarching security requirement, it is important to complete this work to allow for the development of foundational IT infrastructure for the Surrey Police Department.

Following the third-party review of the City's current applications, three add-on modules are required to enhance the overall security posture of the underlying technology and to help mitigate the risk of unauthorised access.

EVALUATION PROCESS

Most City-wide applications run on the Oracle database platform. Changes to this platform have the potential to affect all of the applications that use this service. The three add-on modules specified above are designed to work seamlessly together without impacting user performance.

Although partial solutions from other vendors exist, the City would require products from several different vendors to fulfill its future security needs. These products are unproven in the City's environment and would require a full procurement process including assessment, extensive testing for performance and compatibility, staff training, and outside assistance to implement. Introducing multi-vendor, multi-product complexity would be costly, has the potential to negatively impact performance and security of City-wide applications, and is not considered a best practice approach.

PRICING

The City is eligible to receive previously negotiated BC Provincial Government rates for the Oracle Database Security Modules. The table below provides a breakdown of the costs for each of three required modules as per the BC Government Oracle Master Agreement (CA OMA-2729).

Module	Cost to Purchase	1st year of maintenance	Total Cost (including GST & PST)
Module 1	$132,237	$29,092	$180,688
Module 2	$135,179	$29,739	$184,708
Module 3	$67,589	$14,870	$92,354
Total	**$335,005**	**$73,701**	**$457,750**

After the first year, there will be an ongoing annual maintenance of $82,545 including taxes.

FUNDING

Funding for this project is available in the approved 2020 Policing Transition Budget.

SUSTAINABILITY CONSIDERATIONS

The implementation of Oracle Database Security Modules supports the City's Sustainability Charter 2.0. In particular, the purchase relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, the Database Security Modules supports the following Desired Outcomes("DO's"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems. •
- All Infrastructure DO: Infrastructure systems provide safe, reliable and affordable services

CONCLUSION

It is recommended that Council approve a single source purchase from Oracle Corporation in the amount of $503,525.00, (including GST & PST and contingency) for the purchase of Oracle Database Security Modules and one year of maintenance support and authorize the General Manager, Corporate Services to execute all related agreements and approve payments up to the expenditure authorization limit.

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