COUNCIL REPORT

SINGLE SOURCE REQUEST - INDUSTRIAL SCIENTIFIC CANADA ULC

Recommendations

1. That an amendment to the agreement between the City of Edmonton and Industrial Scientific Canada ULC for the provision of gas monitoring hardware, software, and maintenance services, as outlined in Attachment 1 of the June 19, 2024, Office of the City Manager report EFRS02459, be approved, and that the amendment be in a form and content acceptable to the City Manager.
2. That Attachment 2 of the June 19, 2024 Office of the City Manager report EFRS02459 remain private pursuant to Section 27 (privileged information) of the *Freedom of Information and Protection of Privacy Act.*

Requested Action		Decision required.	
ConnectEdmonton's Guiding Principle		**ConnectEdmonton Strategic Goals**	
CONNECTED This unifies our work to achieve our strategic goals.		**Healthy City**	
City Plan Values	LIVE		
City Plan Big City Move(s)		**Relationship to Council's Strategic Priorities**	Conditions for service success
Corporate Business Plan	Managing the Corporation		

Executive Summary

- Industrial Scientific Corporation ULC (Industrial Scientific Canada) provides essential gas detection products and services for Edmonton Fire Rescue Services, safeguarding against exposures to hazardous gases such as Hydrogen Sulfide (H2S), Carbon Monoxide (CO), Oxygen (O2), Chlorine (CL), Ammonia (NH3), Phosphine (PH3), Hydrogen Chloride (HCI), Hydrogen Cyanide (HCN) and explosive atmospheres.

SINGLE SOURCE REQUEST - INDUSTRIAL SCIENTIFIC CANADA ULC

- This proposal requests a two-year extension of the agreement between the City of Edmonton and Industrial Scientific Canada, valued at $547,983, to maintain continuous support while a competitive procurement process is completed.
- Industrial Scientific Canada's iNet Exchange service, unique in the market, covers comprehensive repairs and replacements of gas detectors, simplifies operations and offers real-time performance monitoring.

REPORT

Industrial Scientific Canada has provided specialized gas monitoring services to the City of Edmonton since June 1, 2012. The current contract commenced on June 1, 2019, and includes the supply and maintenance of gas monitoring equipment along with a subscription to iNet Exchange software. These tools are vital for the immediate detection of toxic gases and other hazardous substances during emergency events significantly enhancing the safety and efficiency of emergency response operations across the city.

The use of Industrial Scientific Canada's technologies provides real-time monitoring and maintenance of gas detection equipment and also offers critical data that assists in quick decision-making during chemical release incidents. This minimizes the impact on affected communities and underscores the importance of these services for the continuity and effectiveness of emergency response capabilities.

Contract Extension and Funding Details

Due to the specialized nature, gas detection and monitoring services have historically been established through a non-competitive process. Administration has reviewed current market conditions and is pursuing a competitive procurement. To bridge the gap between the end of the current contract and the awarding of a new contract, Administration is proposing a two year extension through a contract amendment to the existing contract to prevent any service disruptions. The new contract expiration date will be May 31, 2026. The extended contract value will be $1.5 million, including GST.

Contract Funds Summary

Current Contract Value As of May 10, 2024 (including GST)	$952,017
Requested Additional Value for two years Based on estimated monthly costs of $18,733.50 ending on May 31, 2026	$449,604
Requested Contingency	$98,379
Total Contract Value	$1,500,000

Budget/Financial Implications

No additional funding is required for the continuation of services as there is existing funding for this contract within Edmonton Fire Rescue Services' budget.

Legal Implications

As per the City Administration Bylaw 16620, procurement agreements over $1 million that do not arise from a competitive procurement process must be approved by the appropriate Council Committee. Attachment 2 contains further legal implications.

Community Insight

The City of Edmonton recognizes that a successful emergency response is informed by the coordinated action of first responders and their appropriate access to equipment to do the work. Through the longstanding use of vendor managed gas monitoring equipment and software, its application has adapted and expanded the approach based on guidance from user experience.

GBA+

The real-time monitoring provided under the agreement ensures emergency response teams have the tools to detect harmful gases quickly, which is crucial in areas with vulnerable populations such as schools, hospitals and elderly care facilities. This proactive approach helps minimize risk and ensures that all community members receive the protection they need.

Specialized training sessions for first responders are conducted as part of this initiative, taking into account different learning styles. This ensures all personnel, regardless of gender, age, or cultural background, are well-prepared to use the technology effectively during emergencies.

Environment and Climate Review

This report was reviewed for environment and climate risks. Based on the review completed no significant interactions with the City's environmental and climate goals were identified within the scope of this report.

Risk Assessment

The risk assessment evaluates the potential consequences if the proposed contract extension with Industrial Scientific Canada is not approved. This consideration is vital, given the specialized nature of the gas detection services provided and the critical role they play in the safety of both the community and first responders. By extending the contract, the City of Edmonton ensures uninterrupted access to crucial gas monitoring services, thereby safeguarding the efficiency of city operations and the health and safety of both the community and emergency personnel.

Risk Category	Risk Description	Likelihood	Impact	Risk Score (with current mitigations)	Current Mitigations	Potential Future Mitigations
If recommendation is not approved						
Public Safety	Temporary gap in the ability to monitor hazardous gases, potentially increasing the risk to public safety during emergency response.	4 - Likely	4 -Severe	16 - High	Continued use of the existing equipment and protocols to manage any temporary service gaps. Engagement with potential suppliers to expedite the transition process if necessary.	Accelerate the procurement process to minimize the duration without a contracted service.

ATTACHMENTS

1. Industrial Scientific Canada ULC Agreement Amendment - Key Terms
2. Legal Implications - PRIVATE