

ANNUAL UPDATE - INFORMATION TECHNOLOGY RISK MANAGEMENT

EXECUTIVE SUMMARY

Annual report on Information Technology (IT) Risk Management.

ADMINISTRATION RECOMMENDATION(S)

That Audit Committee recommends that Council receive this report for information.

PREVIOUS COUNCIL DIRECTION / POLICY

In accordance with direction received at the 2011 January 20 meeting of Audit Committee, this report contains the annual update on Information Technology (IT) Risk Management and Controls. Based on recent direction from the Audit Committee, the report format has changed from the previous "17 Questions Directors Should Ask About IT." The new report will educate Committee Members about IT, and will identify risks and mitigation strategies to ensure there is accountability for managing risks.

BACKGROUND

Information Technology is one of the key disciplines in the management of all organizations. The City follows industry standard practices and the Integrated Risk Management (IRM) policy for managing risk and implementing control. The original report format was adapted from the Canadian Institute of Chartered Accountants document entitled "20 Questions Directors Should Ask About IT" which was published in 2003. The 20 questions format was reduced to 17 questions following the recommendations of the Audit Committee report AC2011-03. The new report format will educate Committee Members on IT and will identify risks and mitigation strategies to ensure there is accountability for managing risks in accordance with The City's IRM policy.

INVESTIGATION: ALTERNATIVES AND ANALYSIS

In accordance with the Audit Committee's direction, Information Technology responds to the now annual Information Technology Risk Management report based on the new format.

Stakeholder Engagement, Research and Communication

Information and documentation provided within the IT Risk Management report was obtained from the IT Management team and references to on-going IT practices. The next annual report on IT Risk Management will be sent forward in 2015, Q1.

Strategic Alignment

Risk Management and controls for the use of information technology are the responsibility of all levels in any organization. Jointly, Information Technology and departments manage security risks through setting and monitoring Corporate policies. All staff must take care to follow the policies and guidelines and to enter into the mind-set of safeguarding The City's hardware, software and data assets. To better protect The City's technology environment, the IT Security function was merged with Corporate Security group of the Law business unit in 2012.

Social, Environmental, Economic (External)

This report has been reviewed for alignment with The City of Calgary's Triple Bottom Line Policy Framework. No implications are identified.

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Financial Capacity

Current and Future Operating Budget:

No immediate or long-term financial implications for the Corporation have been identified and no budget approval is required or requested.

Current and Future Capital Budget:

No implications were identified

Risk Assessment

Risks have been identified within the report.

REASON(S) FOR RECOMMENDATION(S):

Risk management and controls for the use of information technology are the responsibility of all levels in any organization. Information Technology is continually monitoring and reviewing practices within The Corporation. The annual IT Risk Management report is integral to The City's management of technology.

ATTACHMENT(S)

1. IT Risk Management
2. IT Facts and Figures
3. Policies
4. IT Risk Profile
5. Governance
6. Information Technology Infrastructure Library Process Owners and Process Managers