



DATE: November 13, 2018

TO: Mayor and City Council

FROM: Director of Information Technology

SUBJECT: Authorization for the City Manager to Negotiate and Execute a Professional Services Agreement with G Force Global in an Amount not to Exceed \$84,000 for the Completion of Decommissioning the Legacy Unisys System and Migrating the Data to SQL with a .net Interface

RECOMMENDATION

That the Council adopts the attached resolution (Attachment II) authorizing the City Manager to negotiate and execute a professional services agreement with G Force Global in an amount not to exceed \$84,000 for the completion of decommissioning the legacy Unisys system and migration the data to SQL with a .net interface.

SUMMARY

The City of Hayward's ERP solution, Munis, was adopted on July 1, 2013. The scope of this project did not include migrating the entire data set from the legacy financial system, Unisys. Currently, staff continue to work in both the Munis and Unisys to complete their work and data gathering assignments related to financial data. The Unisys system is written in a legacy programming language on a Microsoft platform that is no longer supported. After staff research, it has been determined that the best course of action to protect and house this data long term is to convert the Unisys database to a modern format and build customized reports from the converted data using a consulting service. G Force Global has been identified as a consultant to provide this service.

BACKGROUND

In 2017, G Force Global sent the City of Hayward two bills totaling \$70,183.41 for the maintenance and services for Unisys. An investigation into these bills as well as a subsequent cost and impact analysis was conducted and it revealed that operational costs would be reduced if the legacy data was converted to a modern system database and architecture.

DISCUSSION

The legacy Unisys system is written in a programming language that is no longer practiced and the system is accessed through Windows XP, an operating system that is no longer supported by Microsoft. To upgrade the system to work with current Unisys technologies and

Windows 10, it will cost approximately \$88,000 an annual maintenance cost of approximately \$28,000 plus a 10% increase in this maintenance cost per year. Due to the age of the system, in the event of a hardware failure, data will not be recoverable without the need of approximately \$116,000 for new hardware and any applicable data conversion services. Finance, Human Resources, Public Works, and Development Services are among the Departments that require access to the information in the legacy system. IT institutional knowledge of the Unisys system no longer exists due to staff departures from the City of Hayward.

The cost of the proposed conversion of the antiquated, proprietary, and customized legacy Unisys system to a common format is approximately \$84,000, \$4,000 less than the alternative proposal to make the legacy system compatible with Windows 10. Furthermore, this proposed conversion eliminates the \$28,000 annual maintenance fee tied to the legacy Unisys system and leverages G Force Global's expertise and their familiarity with the City of Hayward, given their involvement when the legacy system was previously implemented.

ECONOMIC IMPACT

There is no economic impact on the community.

FISCAL IMPACT

There is no fiscal impact to the current FY 2019 operating budget, as there are sufficient funds to cover the costs associated with this professional services agreement.

STRATEGIC INITIATIVES

This is a routine operational item and does not relate to any of the three Strategic Initiatives.

NEXT STEPS

Following approval, staff will execute an agreement with G Force Global. G Force Global is prepared to begin developing the data migration process and the architecture for creating customized reports for staff.

Prepared by: Sandi Wong, IT Solutions Analyst II/ Project Manager

Recommended by: Adam Kostrzak, CIO / IT Director

Approved by:



Kelly McAdoo, City Manager