CITY OF YUBA CITY
STAFF REPORT

Date: April 5, 2022

To: Honorable Mayor & Members of the City Council

From: Finance/IT Department

Presentation By: Brian Hansen, IT Manager

Summary

Subject: Cybersecurity Projects

Recommendation: A. Authorize the City Manager to utilize ARPA/H.R. 1319, American Rescue Plan Act 2021, funds on cybersecurity projects

B. Authorize the Finance Director to transfer $400,000 from fund 236, ARPA of 2021, to fund 301, CIP-General Fund Projects

C. Approve supplemental appropriations to account 901292-65501, Citywide IT System Modernization, in the amount of $400,000

Fiscal Impact: $400,000 from Citywide IT System Modernization account, 901292-65501 over the next 3 years. With the approval of this request, there will be $1.2MM of the first $7.8MM of ARPA funds remaining.

Purpose:

Purchase cybersecurity software and services in order to protect the City's digital assets and systems over the next 3 years.

Council's Strategic Goal:

This item addresses City Council's Strategic Goal of fiscal responsibility by protecting the City's digital assets and systems from cryptographic ransomware and other malicious attacks.

Background:

In mid 2021, the City Council along with the Executive Team identified cybersecurity as a priority for the City. In coordination with the Information Technology division, the City determined that several projects were necessary in order to improve the City's security stance, and protect it's digital assets and systems. Current events in Eastern Europe have amplified the need for better security in order to protect the City from nation states that have a history of attacking public utilities. City IT staff identified several key projects that would protect the City from attackers. The first phase of projects involved scanning the City's existing assets to verify that City systems were not compromised and were configured properly. The next phase of projects involves continuing to scan assets for vulnerabilities

and compromises as well as putting systems in place to actively protect our systems and limit access to these systems to authorized users. The new systems include 2-factor authentication, Mobile Device Management, Network Access Control, and Secure Remote Access. Social Engineering and Phishing training will also be utilized to educate the users on what to look for so that they become the first line of defense.

Analysis:

City staff has identified the ARPA/H.R. 1319 funds available to the City as an appropriate funding source for these projects under Effective Service Delivery; Technology Infrastructure. The projects meet the requirements and timeline for the use of these funds. Staff will follow the normal City purchasing guidelines when acquiring these products and services. The proposed projects are critical to ongoing operations. A single' successful attack has the potential to cost in excess of hundreds of thousands of dollars as well as system downtime that could affect critical systems like SCADA at the utility plants and 911. The loss of public trust and disruption to critical services cannot be calculated.

Alternatives:

1. Fund these projects through the normal budget process.
2. Do not fund these projects, continue with the status quo.

Recommendation:

A. Authorize the City Manager to utilize ARPA/H.R. 1319, American Rescue Plan Act 2021, funds on cybersecurity projects.
B. Authorize the Finance Director to transfer $400,000 from fund 236, ARPA of 2021, to fund 301, CIP-General Fund Projects.
C. Approve supplemental appropriations to account 901292-65501, Citywide IT System Modernization, in the amount of $400,000.

Attachments:
None

Prepared By: Submitted By:
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IT Manager   IT Manager