



City Council Memorandum

City of Arts & Innovation

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: SEPTEMBER 4, 2018

FROM: INNOVATION AND TECHNOLOGY DEPARTMENT WARDS: ALL

SUBJECT: REQUEST FOR PROPOSAL NO. 1807 - PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH TECHNOLOGY PLUS, INC., TO SELECT A VENDOR TO IMPLEMENT NETWORK REFRESH PROJECT FOR A TERM THROUGH AUGUST 31, 2019 IN THE AMOUNT OF \$140,410 PLUS A 15% CHANGE ORDER AUTHORITY IN THE AMOUNT OF \$21,000

ISSUE:

Approve a Professional Consultant Services Agreement with Technology Plus, Inc., of Aurora, Colorado, from RFP No. 1807, to select a vendor to implement network refresh project for a term through August 31, 2019 in the amount of \$140,410; and authorize an additional \$21,000 or 15% of change order authority.

RECOMMENDATIONS:

That the City Council:

1. Approve a Professional Consultant Services Agreement with Technology Plus, Inc., of Aurora, Colorado, from RFP No. 1807, to select a vendor to implement network refresh project for a term through August 31, 2019 in the amount of \$140,410;
2. Authorize the City Manager, or his designee, to execute the Professional Consultant Services Agreement with Technology Plus, Inc., including making minor non-substantive changes; and
3. Approve an additional \$21,000 or 15% change order authority for Technology Plus, Inc.

BACKGROUND:

On May 16, 2017, the City Council approved a Five-Year Spending Plan for Measure Z, which included \$2,000,000 annually for technology improvements for fiscal years 2017-18, 2018-19, 2019-20, and 2020-21, for a total of \$8,000,000. City Council directed staff provide detailed spending plans for Measure Z technology improvements in a subsequent report.

On October 17, 2017, the City Council received and provided input on the Innovation and Technology Department's Measure Z Technology Spending Plan: Phase 1. The phase 1 project identified as Network Refresh (including cybersecurity features) is a hardware replacement project

that includes replacing critical components of the data network and related equipment. The City's current network infrastructure is aging and in many cases, over ten years old. It lacks manufacturer support, speed, flexibility, automation and capabilities to meet current and future demands and modern day security features. The City is looking to replace the entire wired infrastructure with a new hardware and possibly a software defined networking (SDN) solution utilizing the Company's expertise in preparing the network refresh RFP.

On April 18, 2018, the City issued Request For Proposals (RFP) No. 1807 for contracting of professional consulting services for a network refresh. The City is seeking a qualified entity with similar prior successful project implementations to provide an analysis of the City's business, operational and security requirements for the purposes of a network refresh. The scope of RFP No. 1807 includes:

1. Technology review and analysis of the City's current documented network equipment, connectivity, topology, speeds, redundancy and other related network equipment and services to identify a suitable replacement.
2. Analyze and validate the City's business, operational, regulatory and security requirements.
3. The development of a Request for Proposal (RFP) for a complete network solution, to include core and data center equipment, edge and access layer, vendor implementation plan and agreement. The technical specifications will include items such as central global policy management, data center data link layer/layer 2 (L2) and network layer/layer 3 (L3) extension, micro segmentation, "east-west" and "north-south" traffic and application isolation, product identification and selection.
4. Assist City staff in selecting a network solutions manufacturer and value added reseller (VAR) in accordance with the terms, conditions, and specifications contained in this RFP. The City anticipates selecting one firm to perform the services.

The City received seven responses to RFP No. 1807 and Technology Plus, Inc. of Aurora, Colorado was determined to be the lowest responsive bidder.

DISCUSSION:

The evaluation of a data network refresh vendor is a specialized service that requires extensive knowledge of industry trends, knowledge of the latest network features and functionality, and various network architecture or design options and their value or cost implications for the project. Currently, Innovation and Technology staff maintain and support the existing City standard network equipment and architecture, therefore their expertise is focused on the current City standard. Staff are aware of these external trends and features, but lack the specific experience selecting equipment to rebuild entire data networks using the newest technologies. Therefore the City desires to contract with Technology Plus, Inc. to provide expertise in this specialized area.

The Purchasing Manager concurs that the recommendation action to award is in compliance with Purchasing Resolution 23256.

FISCAL IMPACT:

The total fiscal impact of the action is \$140,410. Sufficient Funding is available in the following accounts:

ACCOUNT	AMOUNT
Fund 420 <i>General Fund (Meas Z)</i> , account 9902209-470834	\$88,482
Fund 510 <i>Electric</i> , in account 6130200-470834	\$27,615
Fund 520 <i>Water</i> , account 6230200-470834	\$10,230
Fund 530 <i>Airport</i> , account 9902220-470834	\$484
Fund 540 <i>Refuse</i> , account 9902220-470834	\$3,784
Fund 550 <i>Sewer</i> , account 9902220-470834	\$6,912
Fund 640 <i>Central Stores</i> , account 9902220-470834	\$553
Fund 650 <i>Central Garage</i> , account 9902220-470834	\$2,350
TOTAL	140,410

Prepared by: George Khalil, Chief Innovation Officer
 Certified as to availability of funds: Edward Enriquez, Acting Chief Financial Officer/City Treasurer
 Approved by: Lea Deesing, Assistant City Manager
 Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Agreement
2. RFP 1807 Award Recommendation
3. Network Inventory Map
4. Data Network Image