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Attachments:	1. San Leandro_SPS_Agreement_FINAL.pdf, 2. City of San Leandro Network Upgrade Price Quote (Exhibit B).pdf, 3. City of San Leandro Network Upgrade Scope of Work (Exhibit A).pdf, 4. WSCA-NASPO Contract for Computer Equipment.pdf, 5. SOLE SOURCE JUSTIFICATION FORM.pdf				

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Staff Report for a Resolution Approving the Agreement with Strategic Products and Services, LLC for Network Upgrades

SUMMARY AND RECOMMENDATIONS

Staff recommends that the City Council approve a resolution authorizing the City Manager to execute an agreement with Strategic Products and Services, LLC (formerly ExtraTeam) to install and configure upgraded network infrastructure. The contract is in the amount of \$144,646.95.

BACKGROUND

The City of San Leandro's Internet network infrastructure needs replacement. This project would install new hardware that would allow the City to increase its Internet bandwidth to 10 gigabits per second (10 Gbps).

Analysis

Cloud computing applications have increased the City's Internet bandwidth requirements and future applications are expected to continue increasing these demands. While the City has built out a state-of-the-art fiber optics network, its internal Internet hardware has not kept pace.

The proposed project represents a complete upgrade of the City's Internet network architecture in order to maximize the City's significant investments in fiber optics technology.

The new design will increase bandwidth capacity to 10 gigabits per second while lowering the cost of Internet service by aggregating traffic onto one connection. The new design would be fully redundant,

with primary and secondary Internet connections, capable of withstanding multiple types of failures.

Staff worked closely with consultants at ExtraTeam (acquired by Strategic Products and Services, LLC in March, 2015) to determine the network design. ExtraTeam has a long history of successful information technology projects with the City. Based on their extensive knowledge of the City's network topology and the overall quality of their design, which met all of the City's requirements, staff recommends that the City Manager award the professional services portion of the contract, valued at \$22,520.00 to ExtraTeam.

All hardware for this project will be purchased through a NASPO ValuePoint (formerly WSCA-NASCO) contract for computer equipment. The value of the hardware is \$96,674.40. Staff proposes that the non-professional services installation and equipment purchase requested here should be awarded as a sole source contract, which would be in accordance with California Public Contract Code section 3400(c)(2) in order to match existing hardware and software designs and installations.

Legal Analysis

The City Attorney's Office reviewed and approved the purchase agreements.

Fiscal Impacts

The total one-time cost to install the network hardware is \$144,646.95. This includes a combination of hardware costs and consultant services.

The ongoing hardware maintenance, which includes dedicated 24/7/365 support, will be \$14,945.40 per year. This cost will be partially offset by the reduction of maintenance fees on equipment that will be replaced as part of this project.

Budget Authority

The Finance Director finds there are sufficient funds in the FY 2015-2016 IT operating budget (Account 688-13-121-7410) for the one-time cost and annual maintenance. Future maintenance will be paid from Account 688-13-001-5310.

ATTACHMENTS

- Non-Professional Services Agreement between the City of San Leandro and Strategic Products and Services, LLC.
- City of San Leandro Network Upgrade Scope of Work (Exhibit A)
- City of San Leandro Network Upgrade Price Quote (Exhibit B)
- Sole Source Justification Form for Services
- NASPO ValuePoint (WSCA-NASPO) Request for Proposal for Computer Equipment

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