



Engineering, Operations & Technology Committee

Replacement of Network Switches at Metropolitan Headquarters

Item 7-8

January 9, 2023

Replacement of Network Switches In Metropolitan Headquarters

Current Action

- Authorize an agreement with Digital Scepter Corporation in an amount not to exceed \$1,469,000 for procurement of equipment to Replace Network Switches in Metropolitan Water District of Southern California Union Station Headquarters.
- The General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Background

- Network Switches provide internet and connectivity between computers, laptops, printers and network devices in Union Station Headquarters
- Current switches were installed between 2014 and 2016
- Current switches are reaching end of life, no longer manufactured and not supported with updated software

Risk of Outdated Switches

- Old switches present greater risk of failure
- If failure happens, there will be unknown network downtime until replaced
- Replacements are no longer manufactured therefore hard to find and substitute may not be compatible with existing equipment
- Additionally, outdated software increases vulnerability such as unstable connectivity and higher chance of security breach

Equipment for Replacement of Network Switches at Metropolitan Headquarters

Project Scope of Work

- Replace network switches and related equipment in every network rooms in Union Station Headquarters (19 switches)
- Metropolitan resources will perform the replacement

Procurement Strategy

- Equipment will be purchased using competitive bidding
 - Process began with advertisement of RFB-RB-417794. It posted on 10/7/2022 until 10/26/2022
 - 9 total bids were received
- Final selection was made based on price
- Selected vendor qualified as a regional business
- Selected vendor is Digital Scepter Corporation

New Agreement

- 19 switches
- 72 Power supply units
- 96 Line cards
- 100 Optics modules
- 12 months Software Subscription



Allocation of Funds

Labor	\$ 210,000
Materials & Supplies Network Equipment	\$ 1,469,000
Fiber & Cabling	\$ 240,000
Fiber Installation Services	\$ 218,000
Remaining Budget	\$ 213,000
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Total	\$ 2,350,000

Project Schedule



Board Options

- Option #1 – Authorize an agreement with Digital Scepter Corporation in an amount not to exceed \$1,469,000 for procurement of equipment to replace network switches at Union Station.
- Option #2 – Do nothing at this time

Next Step

Staff Recommendation

- Option #1



