

STAFF REPORT UTILITY MEETING

AGENDA DATE: January 30, 2024

DEPARTMENT: Electric Utility

TITLE:

Schweitzer Engineering Laboratories, Inc.'s Blueframe Software Contract Proposal to manage the EU's devices on the Operational Technology (OT) network

SUMMARY:

Approval of the Schweitzer Engineering Laboratories, Inc.'s (SEL) Blueframe Software Contract Proposal with standard City addendum to license the Blueframe Operating System software for the Electric Utility Device Management Applications.

BACKGROUND AND JUSTIFICATION:

SEL is the sole source provider of the Blueframe Operating System software to provide automated monitoring of the electric distribution system and variances in device settings. The Electric Utility is requesting approval to purchase the SEL Blueframe Operating System software license at a total value of \$60,750.00.

The Electric Utility has existing SEL software licenses for which this additional Blueframe platform is to receive a credit of \$11,840.00. The financial impact to the City for the Blueframe Software is \$48,910.00

The Blueframe application platform is a secure and versatile system designed specifically for managing applications in an isolated (OT) network. Blueframe license manages up to a device limit of 225 devices to provide Data Management and Automation (DMA) Disturbance Monitoring, Configuration Monitoring, Custom Monitoring and Credential Management.

The platform employs a secure operating system to prevent unauthorized access and attacks, ensuring the reliability and safety of the network. Users can monitor the security of the Blueframe system, quickly identifying any changes or interactions that may impact security. Additionally, Blueframe supports the management of connections, allowing resources to have defined connections used by applications throughout the isolated OT network.

The Electric Utility is requesting authorization for the sole source procurement of the SEL's Blueframe Software contract proposal with the City's standard addendum under the City's Procurement Code, Section 2-112.

MOTION:

Move to approve/disapprove Schweitzer Engineering Laboratories, Inc.'s Blueframe Operating System software contract with City's standard addendum at a cost not to exceed \$48,910.00.

ATTACHMENT(S):

Fiscal Impact Analysis

Sole Source Letter

City Standard Addendum with Blueframe Software Contract

FISCAL IMPACT ANALYSIS

Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Inflows/Revenues					
Appropriated (Budgeted)	0	0	0	0	0
Program Income	0	0	0	0	0
Grants	0	0	0	0	0
In Kind	0	0	0	0	0
Outflows/Expenditures					
Appropriated (Budgeted)	0	0	0	0	0
Operating	0	0	0	0	0
Capital	\$48,910.00	0	0	0	0
Net Fiscal Impact					
<i>(If not budgeted)</i>	0	0	0	0	0
No. of Addn'l Full-Time					
Employee Positions	0	0	0	0	0

Contract Award - Existing Appropriation (Budgeted)	
	Expenditure
Department	Electric Utility
Division	Transmission and Distribution
GL Description	Improve other than Build / Infrastructure
GL Account Number	421-6034-531-63.15
Project Number	SH2113
Requested Funds	\$48,910.00
Remaining Balance	\$444,349.05
Source of Revenue (i.e. Paygo. Current Revenue, Bond Money, Grants, etc.)	Utility Bond 2020 Series