



June 16, 2025

Consideration to Authorize a Scope of Work for
FY 2025-26 On-call SCADA Integration
Professional Services and On-Call SCADA Design
Professional Consulting Services

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Overview

- The On-call Supervisory Control and Data Acquisition (SCADA) Integrator and SCADA Design Consultant provide services to the Authority's operations that are critical to maintaining a safe and reliable drinking water supply.
- SCADA Integrator - Enterprise Automation, Irvine, CA
 - Contract awarded by Governing Board on June 23, 2021
 - One year award with an option to renew for up to four additional years
- SCADA Design Consultant - Rockwell Construction Services, Vista, CA
 - April 12, 2023, the Governing Board awards a one-year contract
 - March 13, 2024, the Governing Board awards a one-year contract with an option to renew for up to three additional years



SCADA Integrator - Annual Expense Support Tasks

- SCADA Training
- Change Request Budget (programming enhancements)
- SCADA Plan Updates
- Windows SCADA Server Updates
- General On-Call Support



SCADA Integrator - Expense Projects

- Electronic Mobile Operator Rounds (continuation of project from FY 2024-25)
- SCADA Master Plan update



SCADA Integrator - Capital Projects

- Desalination Facility Quantum PLC Replacement (implementation)
- Central Wheeler Tank Construction (programming/commissioning of new remote terminal unit)



SCADA Design Consultant - Expense Projects

- SCADA Plan Updates
- General On-call Support
- SCADA Master Plan update



SCADA Design Consultant - Capital Projects

- Desalination Facility Quantum PLC Replacement (implementation oversight)



Fiscal Impact

FY 2025-26 Award to Rockwell Construction Services for SCADA Design Consulting Tasks		
Project	Project Type	Amount
Annual SCADA Plan Updates	Expense	\$16,300
General On-Call Support	Expense	70,000
SCADA Master Plan Update	Expense	<u>115,800</u>
Subtotal Expense Projects		\$202,100
Desal Programmable Logic Controller Replacement ⁽¹⁾	Capital	<u>21,800</u>
Subtotal Capital Projects		<u>\$21,800</u>
Total SCADA Design Consultant Award		\$223,900
1) Implementation oversight.		



Fiscal Impact

FY 2025-26 Award to Enterprise Automation for SCADA Integrator Consulting Tasks		
Project	Project Type	Amount
Annual SCADA Training	Expense	\$15,100
Annual Change Request Budget	Expense	91,500
Annual SCADA Plan Updates	Expense	16,300
Windows SCADA Server Updates	Expense	15,500
General On-call Support	Expense	31,300
Electronic Mobile Operator Rounds	Expense	23,200
SCADA Master Plan Update	Expense	115,800
Subtotal Expense Projects		\$308,700
Central-Wheeler Tank Construction and System Improvements ⁽¹⁾	Capital	44,000
Desal Programmable Logic Controller Replacement - Implementation ⁽²⁾	Capital	170,500
Desal Programmable Logic Controller Replacement - Hardware ⁽³⁾	Capital	<u>209,000</u>
Subtotal Capital Projects		<u>\$423,500</u>
Total SCADA Integrator Consultant Award		\$732,200
1) Programing and commissioning of new remote terminal unit. 2) Implementation. 3) The award would allow Enterprise Automation to procure all hardware for the Quantum PLC Replacement Project—minimizing downtime and leveraging Enterprise’s access to competitive pricing; Enterprise has agreed to a reduced 5% markup instead its typical 20% markup. The 5% markup would outweigh an Authority conducted procurement.		



Options

1. Award the following contracts: \$223,900 for SCADA Design Consulting to Rockwell Construction Services, Vista, CA; and \$732,200 (inclusive of hardware purchases) for SCADA Integration to Enterprise Automation, Irvine, CA, for the FY 2025-26 SCADA Expense and Capital Projects.
2. Other direction as determined by the Governing Board.



Recommendation

Staff recommends that the Governing Board award the following contracts: \$223,900 for SCADA Design Consulting to Rockwell Construction Services, Vista, CA; and \$732,200 (inclusive of hardware purchases) for SCADA Integration to Enterprise Automation, Irvine, CA, for the FY 2025-26 SCADA Expense and Capital Projects.



Questions?

