

10X Order #9316 - H2O - NE Division SCADA Firewall Upgrade

Project #	9316	Requested Date	04/09/2025
Type of 10X	Order Placed	Fiscal Year	2025
Purchase Order		AT	
10x Creator	Juan Rios	Contact Person	Patrick Carter
Supervisor	Rios-Ramos,Juan	Dept Budget Officer	Rios-Ramos,Juan

Organization	411501 - Water Capital Projects	Fund Code	40101
Yearly Cost		Project Code	WC00023
Activity Code	IS	Resource Type	SCADA
GL String	4000-4001-4115-765-85 9333-41-0-0000-0000-	Project String	411500723 -PHASE_2 -CMAT -
Budget Type	Unbudgeted	Replacement?	New Equipment

Quote

Qty	Product	Unit	Amount
2	Cisco Secure 3K Series 300W AC Power Supply	1,330.74	2,661.48
4	10GBASE-LR SFP Module, Enterprise-Class	860.56	3,442.24
8	10GBASE-ZR SFP Module	5,930.99	47,447.92
1	Labor: Systems Engineer Security - Cisco Firepower	12,000.00	12,000.00
6	C9300-DNA-L-A-3Y - DNA Advantage 3 Year License	1,093.70	6,562.20
2	Cisco Secure	14,019.75	28,039.50
6	Catalyst 9300X 24x25G Fiber Ports, modular uplink Switch	13,603.18	81,619.08
6	CX Level 1 SW Sub C9300 DNA Advantage term license 36 months	283.20	1,699.20
2	SmartNet 8X5XNBD Cisco Secure Firewall	9,920.00	19,840.00
6	CX Level 1 8X7NCD Catalyst 9300X 24x25G fiber ports module	7,245.60	43,473.60
12	10GBASE-CU SFP+ Cable 1 Meter	59.28	711.36
1	Labor: Systems Engineer Security - Cisco Firepower - HA	5,000.00	5,000.00
6	Labor: Cisco Edge Switch Installation - Stackable	600.00	3,600.00
8	Labor: Project Manager	200.00	1,600.00
80	Labor: Systems Engineer - Network reconfiguration	250.00	20,000.00
1	TAXES	14,777.90	14,777.90
6	715W AC 80+ platinum Config 1 Secondary Power Supply	680.16	4,080.96
6	STACK-T1-50CM	54.41	326.46
6	Catalyst 3750X and 3850 Stack Power Cable 150 CM - Upgrade	54.41	326.46
6	Catalyst 9300 2 x 40G/100G Network Module QSFP+/QSFP28	1,387.53	8,325.18
	10% Contingency		30,553.35
		Total	336,086.894

Current Approvals

Approval Type	Name	Date	Status
10x Created	Juan Rios	04-09-2025	Submitted
Dept Budget Officer	Rios-Ramos,Juan	04-09-2025	Approved
ISD Quote	Tooma,Michael K	04-25-2025	Approved
Manager Approval	Rios-Ramos,Juan	04-28-2025	Approved
Dept Budget Officer	Rios-Ramos,Juan	04-28-2025	Approved

Approval Type	Name	Date	Status
ISD Places the order			
Equipment Deployed			

Location	Jusification
Water Division SCADA	<p>The SCADA Segregation project was commissioned as part of the Water Division's Cyber Security initiative. The mission of this project is to isolate the Water Divisions 4 SCADA systems and networks from the City of Fresno's business infrastructure for the sole goal of increasing our security posture. This is a single project which is broken down by location: Ground Water SCADA, South East Treatment Facility and North East Treatment Facility. Each of these systems are independent yet are interconnected for the purposes of administration and management. The requested Cisco devices will allow us to inner-connect all locations across dark fiber and not across the City of Fresno's enterprise networks.</p>