STATEMENT OF WORK

CCTV System Installation at Naval Sea Systems (NAVSEA) Command Headquarters

1. INTRODUCTION

The purpose of this Statement of Work (SOW) is to detail the scope of work required for Johnston Controls International (JCI) to furnish and install a complete, turnkey Closed-Circuit Television (CCTV) system for the Naval Sea Systems (NAVSEA) Command Headquarters at the Washington Navy Yard.

2. BACKGROUND

Existing NAVSEA HQ buildings require a comprehensive, state-of-the-art CCTV system to enhance security, improve monitoring capabilities, and ensure the safety of personnel and assets. This project will replace disparate and outdated systems with a fully integrated, enterprise-level solution from Bosch, covering multiple buildings and integrating with existing security platforms.

3. SCOPE

The objective of this SOW is to provide guidance and specifications for the installation of a new, large-scale CCTV system across multiple NAVSEA HQ Buildings. The project includes the installation of approximately 250+ cameras, network infrastructure, servers, workstations, and all associated hardware and software. The system must be fully operational upon completion and comes with a one-year warranty on all parts and labor.

4. APPLICABLE DOCUMENTS

N/A

5. REQUIREMENTS

- Safety and Security: The system must enhance the safety and security of all personnel and assets within the NAVSEA HQ buildings.
- Deterrence: The visible presence of cameras should act as a deterrent to unauthorized or criminal activity.
- Situational Awareness & Investigation: The system must provide high-resolution live video and recorded images suitable for real-time monitoring and forensic investigation, including the ability for individual facial recognition and vehicle identification.
- System Integration: The Bosch BVMS must fully integrate with the existing Lenel OnGuard Access Entry Control System and the Digital Monitoring Products (DMP) system. This integration shall provide real-time video callouts on a common operating

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picture (map) in the Alarm Control Center (ACC) when an Intrusion Detection System (IDS) alarm or forced entry event is triggered.

- System Redundancy: The server architecture must be fully redundant, with a primary and backup server configured for automatic failover to ensure continuous operation.

6. GOVERNMENT FURNISHED PROPERTY

6.1 Government Furnished Material

NA

6.2 Government Furnished Equipment

NA

6.3 Government Furnished Information

NA

7. DELIVERABLES

NUMBER	NAME
A001	Weekly Project Status Report
A002	UL 2050 Certification
A003	System Documentation Package
A004	Cybersecurity Plan
A005	Warranty Performance Report
A006	User Acceptance Training (UAT)

8. ACRONYM LIST

ACRONYM	DENOTATION
JCI	Johnson Controls International
SOW	Statement of Work
CCTV	Closed-Circuit Television
NAVSEA	Naval Sea Systems

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ADDITIONAL INFORMATION

A. PERIOD OF PERFORMANCE / REQUIRED DELIVERY DATES

September 30, 2026

B. PLACE OF PERFORMANCE

- 1333 Isaac Hull Ave, Washington Navy Yard, DC 20376

C. SHIPPING ADDRESS

- 1333 Isaac Hull Ave, Washington Navy Yard, DC 20376

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D. INSPECTION AND ACCEPTANCE

TBD

E. TECHNICAL POINT OF CONTACT

TBD

9. REQUIRED PRODUCTS LIST

Labor Category	Quantity	Burdened Labor Rate	Labor Hours	Amount
AV / Certified Technology Installer (CTI) / Integrator / System Administrator	3			

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Item#	Brand name	Part Number	Description
68	Bosch	NDA-8000-PIPW	PENDANT INTERFACE PLATE, OUTDOOR
68	Bosch	NDA-U-WMT	PENDANT WALL MOUNT
77	Bosch	NDA-U-PA0	SURVEILLANCE CABINET 24VAC
9	Bosch	NDA-7100-PEN	AUTODOME 7100I PENDANT ARM (C.O.O. PT)
9	Bosch	NPD-6001C-BT	60W IEEE 802.3BT, SINGLE PORT, 100-240 VAC INPUT, INDOOR, TAA
343	Bosch	NDA-8000-PIP	PENDANT INTERFACE PLATE, INDOOR
343	Bosch	NDA-U-WMTG	PENDANT WALL MOUNT, GANG BOX
73	Bosch	NDS-5704-F360LE-GOV	FIXED DOME 12MP 360-¦ IP66 IR GOV (C.O.O. TW)
52	Bosch	NDA-5080-TM	TILT MOUNT 20-DEG, 148MM
5	Bosch	NDA-U-CMT	CORNER MOUNT ADAPTER
395	Bosch	MBV-XCHANPRO-FM	LICENSE CAMERA/DECODER EXPANSION, FM (BVMS 11 & UP ONLY)
592	Bosch	MVC-IVA-APC	IVA PRO APPEARANCE
3	Bosch	MHW-S-KIT	NEEDED ACCESSORIES FOR MHW SERVER (INCLUDES 2 POWER CORDS AND 1 VGA TO HDMI ADAPTOR)
400	Bosch	NDE-8702-RX	FIXED DOME 2MP HDR X 4.4-10MM PTRZ IP67 COO= PORTUGAL
9	Bosch	NDP-7802-Z40	PTZ 2MP HDR 40X IP66 PENDANT (C.O.O. CN)
3	Bosch	MHW-S380RB-SC	STANDARD APPLICATION SERVER (HPE DL380 GEN11) COO= MEXICO
3	Bosch	MHW-S380RB-NBD5Y	MHW-S380RB-SC POS UPG 5Y NBD REPAIR UPLIFT
1	Bosch	MBV-FOBJPRO-FM	LICENSE MAP-BASED TRACKING ASSISTANT, FM (BVMS 11 & UP ONLY) COO=GERMANY
8	Bosch	DSA-N2E8XC-12AT	BOSCH-NETAPP DSA E2800 SERIES BASE UNIT 12X12TB; SUPPORTS
18	Bosch	DSA-S2E8XAC-SLP	DSA E2812 10-12TB SES EXT 1YR POS
9	Bosch	DSA-EDTK8-12TB	HDD 12TB FOR 12BAY
13	Orion Power Systems	DC1500RTX1	ORION POWER SYSTEMS ONLINE RTX1 1500VA
17	Orion Power Systems	DC1500RTX1EBM	ORION POWER SYSTEMS EXTERNAL BATTERY PACK FOR DC1000RTX1 AND DC1500RTX1
30	Generic	OPS-Railkit	RAIL KIT TO SUPPORT UPS IN 19” 4 POST RACKMOUNT APPLICATIONS.
154880	Generic	5566050	CAT6 PURPLE JACKET - 1000'
1	Generic	LOCAL	CAT 6 ENDS
1	JCI	PRINTS, CAD	PRINTS, CAD
1	Generic	MISC	MISC BOXES, COVER, PLATES, CAULK, ETC
1	JCI	RENTALS	LIFT RENTALS AND OTHER TOOLS / 1-WEEK
10744	JCI	TECH-LABOR MARKET B	FIELD LABOR - Disposal
120	JCI	PROJECT MGR	PROJECT MANAGER
40	JCI	CADD-LABOR	CADD SPECIALIST
1	Bosch	MHW-S-KIT	NEEDED ACCESSORIES FOR MHW SERVER (INCLUDES 2 POWER CORDS AND 1 VGA TO HDMI ADAPTOR)
40	Bosch	NDD-7803-AL	DUAL DOME 2X5MP 3.2-8.1MM IP67 IR, IK10, INCLUDES IVA PRO BUILDINGS, PERIMETER, PRIVACY, INTEGRATED MIC COO= TAIWAN
46	Bosch	NDA-7042-PIPW	PENDANT INTERFACE PLATE, WEATHER, FLEXIDOME DUAL COO= THAILAND
42	Bosch	NDA-U-WMT	PENDANT WALL MOUNT

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42	Bosch	NDA-U-PA0	SURVEILLANCE CABINET 24VAC
4	Bosch	NDA-U-RMT	PENDANT PARAPET MOUNT
4	Bosch	NDA-U-PSU0H	PSU, IR, 24VAC, FOR NDA-7100-PEN/PENF COO= CHINA
7	Bosch	NDE-8704-RX	DOME PTRZ 8MP HDR X 5.9-13MM IP6K9K COO= PORTUGAL
53	Bosch	MBV-XCHANPRO-FM	LICENSE CAMERA/DECODER EXPANSION, FM (BVMS 11 & UP ONLY) COO=
53	Bosch	MVC-IVA-APC	IVA PRO APPEARANCE COO= GERMANY
1	Bosch	MHW-S380RB-SC	STANDARD APPLICATION SERVER (HPE DL380 GEN11) COO= MEXICO
1	Bosch	MHW-S380RB-NBD5Y	MHW-S380RB-SC POS UPG 5Y NBD REPAIR UPLIFT
5	Bosch	DSA-N2E8XC-12AT	BASE UNIT 12X12TB?
10	Bosch	DSA-S2E8XAC-SLP	DSA E2812 10-12TB SES EXT 1YR POS
5	Bosch	DSA-EDTK8-12TB	HDD 12TB FOR 12BAY
6	Orion Power Systems	DC2000RTX1	ORION POWER SYSTEMS ONLINE RTX1 2000VA
24	Generic	OPS-Railkit	RAIL KIT TO SUPPORT UPS IN 19” 4 POST RACKMOUNT APPLICATIONS.
6	Orion Power Systems	DC1500RTX1	ORION POWER SYSTEMS ONLINE RTX1 1500VA
12	Orion Power Systems	DC1500RTX1EBM	ORION POWER SYSTEMS EXTERNAL BATTERY PACK FOR DC1000RTX1 AND DC1500RTX1
2	Winstead	90026	70"H PRO SERIES RACK 32"D CO=US
2	Winstead	90076	32" DEEP PEDESTAL CO=US
1	Winstead	90126	SIDE PANELS FOR 90026 CO=US
2	Winstead	90316	70"H REAR DOOR CO=US
2	Winstead	90326	70" VENTED STEEL FRONT DOOR CO=US
2	Winstead	99144	8-3/4"H BLACK BLANK PANEL CO=US
4	Winstead	G9085	RACK MOUNTABLE 550 CFM FAN
2	Winstead	85782	2-1/2 PLATE CASTERS (4 EA)
4	Winstead	G8060	SQUARE NUT, 10-32 SCREW 25 EA
2	Winstead	88090	3-1/2" HEAVY DUTY RK MNT SHELF CO=US
4	Winstead	90267	70" RACK RAIL W/SQUARE HOLES CO=US
8	Winstead	98708	8 OUTLET RACK MOUNT STRIP(C.O.O CN)
2	Winstead	85743	MK500 MASTER KEY FOR "W" LOCKS CO=CN
16000		5566050	CAT6 PURPLE JACKET - 1000'
1		MISC	MISCELLANEOUS MATERIALS (ENCLOSURES, STRAPS, BACKBOXES, ETC)
1		SUBCONTRACTOR	SUBCONTRACTOR - MATERIALS
40		PROGRAM MGR	PROGRAM MANAGER
1		SUBCONTRACTOR	SUBCONTRACTOR - OTHER LABOR
4	Bosch	VJD-8005-CM	PC/DECODER. INCLUDES EMBEDDED MONITOR WALL 10.0 SOFTWARE.(C.O.O. MX
2	Tripp Lite (Eaton)	KVM-CONSOLE-8-IP	NETDIRECTOR 8-PORT 1U RACK-MOUNT CONSOLE HDMI KVM SWITCH WITH 17 IN. LCD AND IP REMOTE ACCESS, DUAL RAIL, WITH

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1		MW-Frame	HDMI/DVI/USB CABLE KITS CUSTOM TITAN POLES W/ 80/20 EXTRUSION BOLTED TO CONCRETE TAA FLOOR UNDER THE RAISED FLOOR
1		Matrix-S2-Main	MAIN MATRIX STRAIGHT CONSOLE FOR 2 OPERATORS, FIXED HEIGHT W/COREIN WORKSURFACE AND LOGO IN WORKSURFACE AND LOGO ON
1		Matrix-L1-Sup	SIDE PANELS. MONITOR POLES INCLUDED SUPERVISOR'S MATRIX L SHAPED CONSOLE FOR 1 OPERATOR, FIXED HEIGHT W/ COREIN WORKSURFACE, NO LOGOS. MONITOR POLES
1		Win-WKD-Install	INCLUDED PERSONNEL FOR WEEKEND INSTALLATION AND FINISH OF PRIMARY AND SUPERVISOR'S CONSOLE AND MONTIOR WALL FRAME
17		WS-Advanced-4K	CUSTOM WORKSTATION TO SUPPORT VIEWING 4K CAMERAS IN QUANTITIES ON SINGLE MONITOR, ADVANCED GRAPHIC CAPABILITY
18		UML-554-90	55 INCH 4K LED MONITOR
18		UML-275-90	27-INCH 4K UHD COLOR LED MONITOR, 3840 X 2160 RESOLUTION, HDMI,DP, INTEGRATED SPEAKERS, HDCP SUPPORT, VOLTAGE DIP IMMUNITY,
10	Orion Power Systems	DC2000RTX1	100/240VAC, 50/60 HZ, INCLUDES DESK STAND COO= CHINA ORION POWER SYSTEMS ONLINE RTX1 2000VA
20	Orion Power Systems	DC2000RTX1EBM	ORION POWER SYSTEMS EXTERNAL BATTERY PACK FOR DC2000RTX1
30	Winstead	OPS-Railkit	RAIL KIT TO SUPPORT UPS IN 19” 4 POST RACKMOUNT APPLICATIONS.
4	Winstead	90026	70"H PRO SERIES RACK 32"D CO=US
4	Winstead	90076	32" DEEP PEDESTAL CO=US
2	Winstead	90126	SIDE PANELS FOR 90026 CO=US
4	Winstead	90366	70” PERFORATED STEEL REAR DOOR
4	Winstead	90356	70” PERFORATED STEEL FRONT DOOR
8	Winstead	99144	8-3/4"H BLACK BLANK PANEL CO=US
4	Winstead	G9085	RACK MOUNTABLE 550 CFM FAN
4	Winstead	85782	2-1/2 PLATE CASTERS (4 EA)
8	Winstead	G8060	SQUARE NUT, 10-32 SCREW 25 EA
4	Winstead	88090	3-1/2" HEAVY DUTY RK MNT SHELF CO=US
8	Winstead	90267	70" RACK RAIL W/SQUARE HOLES CO=US
8	Winstead	98708	8 OUTLET RACK MOUNT STRIP (C.O.O. CN),
8	Winstead	85743	MK500 MASTER KEY FOR "W" LOCKS CO=CN
1	JCI	Local Purchase	FREIGHT
1246	JCI	TECH-LABOR MARKET B	FIELD LABOR - INSTALLATION, PROGRAMMING, AND TESTING
72	JCI	PROGRAM MGR	PROGRAM MANAGER
1	BriefCam	IS-BASE-001	BRIEFCAM INSIGHTS - BASE PACKAGE
515	BriefCam	IS-CAM-001	ADDITIONAL CAMERA FOR INSIGHTS (1)
30	BriefCam	IS-RSP-001	RESPOND PACK INSIGHTS
3075	BriefCam	MNT-IS-CAM-001	IS-CAM-001 LICENSE MAINTENANCE - 1 YEAR

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200	BriefCam	MNT-IS-RSP-001	IS-RSP-001 LICENSE MAINTENANCE - 1 YEAR
25	BriefCam	MNT-IS-RVU-001	IS-RVU-001 LICENSE MAINTENANCE - 1 YEAR
5	BriefCam	MNT-IS-CHU-005	IS-CHU-005 LICENSE MAINTENANCE - 1 YEAR
1	BriefCam	CC-OSR-BAS	IMPLEMENTATION PACK - ON-SITE DISTRIBUTED - BASIC - 1-6 SERVERS
1	BriefCam	CC-TRN-006	INSTRUCTOR LED ON-SITE END-USER TRAINING - PER DAY - ON SITE
2	Dell	C3D-2-6526Y-000-384-25	2U RACKMOUNT - 32 CORES, NO GPU, 384GB RAM
1	Dell	C3D-2-6526Y-4L4-384-25	2U RACKMOUNT - 32 CORES, 4 GPUS, 384GB RAM
1	Dell	C3-SSD-M-960GB	MIXED-USE (M) 960GB SSD
1	Dell	C3-ME-5212-8x8TB	DELL ME5212 STORAGE ARRAY + 8 X 8TB HDDS
1	Dell	C3-ME-5212-12x8TB	DELL ME5212 STORAGE ARRAY + 12 X 8TB HDDS
1	Dell	C3-ME-5212-E5-18x8TB	DELL ME5212 + ME512 STORAGE ARRAYS + 18 X 8TB HDDS
9	Orion Power Systems	DC2000RTX1	ORION POWER SYSTEMS ONLINE RTX1 2000VA
9	Orion Power Systems	DC2000RTX1EBM	ORION POWER SYSTEMS EXTERNAL BATTERY PACK FOR DC2000RTX1
18	Winstead	OPS-Railkit	RAIL KIT TO SUPPORT UPS IN 19” 4 POST RACKMOUNT APPLICATIONS.
2	Winstead	90026	70"H PRO SERIES RACK 32"D CO=US
2	Winstead	90076	32" DEEP PEDESTAL CO=US
1	Winstead	90126	SIDE PANELS FOR 90026 CO=US
2	Winstead	90366	70” PERFORATED STEEL REAR DOOR
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2	Winstead	G9085	RACK MOUNTABLE 550 CFM FAN
2	Winstead	85782	2-1/2 PLATE CASTERS (4 EA)
4	Winstead	G8060	SQUARE NUT, 10-32 SCREW 25 EA
2	Winstead	88090	3-1/2" HEAVY DUTY RK MNT SHELF CO=US
4	Winstead	90267	70" RACK RAIL W/SQUARE HOLES CO=US
4	Winstead	98708	8 OUTLET RACK MOUNT STRIP (C.O.O. CN),
4	Winstead	85743	MK500 MASTER KEY FOR "W" LOCKS CO=CN
388	JCI	TECH-LABOR MARKET B	FIELD LABOR - INSTALLATION, PROGRAMMING, AND TESTING (DISCOUNTED)

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