

AMENDMENT NO. 2
TO THE AGREEMENT BETWEEN THE CITY OF GLENDALE
AND MOTOROLA SOLUTIONS
(Contract No. C19-0918)

This Amendment No. 2 (“Amendment”) to City Contract No. C19-0918 (“Agreement”) is made this _____ day of _____, 20____, (“Effective Date”), by and between the City of Glendale, an Arizona municipal corporation (“City”) and Motorola Solutions, Inc., a Delaware corporation, authorized to do business in Arizona (“Contractor”).

RECITALS

- A. City and Motorola Solutions, Inc. (“Contractor”) previously entered into a contract for Computer Aided Dispatch and Records Management System and Services Agreement, Contract No. C19-0918, dated September 27, 2019 (“Agreement”); and
- B. The Agreement linked to a contract between Contractor and the Houston-Galveston Area Council, a Public Services Agreement #18-0096, which allowed for its cooperative uses by other governmental agencies; and
- C. On April 13, 2021, City Council authorized the City Manager to enter into Amendment No. 1 to the Agreement to adjust the Scope of Work to allow for the placement of security camera systems in various City facilities and approve an additional expenditure in an amount not to exceed \$2,681,321.21 over the entire term of the agreement; and
- D. City and Contractor wish to modify and amend the Agreement further, subject to and strictly in accordance with the terms of this Amendment.

AGREEMENT

In consideration of the mutual promises set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and Contractor hereby agree as follows:

- 1. **Recitals.** The recitals set forth above are not merely recitals but form an integral part of this Amendment.
- 2. **Term.** The term of the Agreement is unchanged.
- 3. **Scope of Work.** The Scope of Work is amended to provide for the purchase of goods and services related to Citywide Access Control Management as contained in the Contractor’s November 5, 2021 Proposal, which is attached hereto as Exhibit A and which is incorporated into and is an enforceable part of this Amendment.

4. **Compensation.** The Compensation available under this Agreement is increased from \$2,681,321.21 to an amount not-to-exceed \$3,529,644.69 for its entire term (initial term plus any renewals).
5. **Insurance Certificate.** Contractor must provide a current, valid insurance certificate with sufficient coverage to insure the work to be performed under this Agreement to Materials Management and the Contract Administrator within 30 days of the Effective Date of this Amendment.
6. **Non-discrimination.** Contractor must not discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.
7. **No Boycott of Israel.** To the extent A.R.S § 35-393 through § 35-393.03 are applicable, the parties hereby certify that they are not currently engaged in, and agree for the duration of the Agreement to not engage in, a boycott of goods or services from Israel, as that term is defined in A.R.S § 35-393.
8. **Attestation of PCI Compliance.** When applicable, the Contractor will provide the City annually with a Payment Card Industry Data Security Standard (PCI DSS) attestation of compliance certificate signed by an officer of Contractor with oversight responsibility.
9. **Ratification of Agreement.** City and Contractor hereby agree that except as expressly provided herein, the provisions of the Agreement shall be, and remain in full force and effect and that if any provision of this Amendment conflicts with the Agreement, then the provisions of this Amendment shall prevail.

[Signatures on the following page.]

CITY OF GLENDALE, an Arizona
municipal corporation

Kevin R. Phelps, City Manager

ATTEST:

Julie K. Bower, City Clerk (SEAL)

APPROVED AS TO FORM:

Michael D. Bailey, City Attorney

Motorola Solutions, Inc., a Delaware
corporation

By: _____
Its: _____

EXHIBIT A



MOTOROLA SOLUTIONS

CITY OF GLENDALE

CITYWIDE ACCESS CONTROL MANAGER

NOVEMBER 5, 2021



The design, technical, pricing, and other information ("Information") furnished with this submission is proprietary and/or trade secret information of Motorola Solutions, Inc. ("Motorola Solutions") and is submitted with the restriction that it is to be used for evaluation purposes only. To the fullest extent allowed by applicable law, the Information is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the Information without the express written permission of Motorola Solutions.

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Motorola Solutions, Inc.
7237 Church Ranch Blvd Suite 406
Westminster, CO 80021

November 5, 2021

Rick St. John
City of Glendale City Hall
5850 W Glendale Ave,
Glendale, AZ 85301

Subject: Motorola Offer for Sale Proposal for Glendale City-Wide Access Control Solution

Mr. St. John,

Motorola Solutions, Inc (“Motorola”) is pleased to present City of Glendale (“Glendale”) the enclosed offer for sale proposal for the purchase of the following:

- Avigilon Access Control Solution for 32 City of Glendale Facilities
- Motorola Project Management
- Warranty, On Site Support, & Software Updates for 1 Yr.

This proposal pricing is pursuant the H-GAC (Houston-Galveston Area Council) Contract number RA05-21. Glendale and Motorola previously entered into a Contract effective September 26, 2019 (the “Contract”). Section 3.5 of the Contract permits Glendale to make additional purchases of Equipment, Software, and services using the Contract as the underlying agreement. This proposal is based on the assumption that the Customer will use its rights under Section 3.5 for the proposed transaction(s) and that the terms and conditions of the Contract apply. To do so, Glendale may accept this offer by returning executed copies of Amendment Number Two to memorialize the purchase of products and services as described in Motorola’s proposal. The proposal shall remain valid until 12/17/2021.

We thank you for the opportunity to provide “best in class” solutions. We look forward to continuing our relationship and implementing the project with the City of Glendale. Please direct any questions to Suzy Millard, Sr. Account Manager, at 480-646-7406.

Sincerely,
Motorola Solutions, Inc.



Carrie Hemmen
MSSSI Vice President & Director Sales

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SECTION 1

SYSTEM DESCRIPTION

1.1 SOLUTION OVERVIEW

Motorola Solutions Inc. (“Motorola”) is pleased to propose a City-wide Access Control solution to the City of Glendale (“COG”). The proposed Avigilon Access Control Manager (ACM) solution consists of the ACM enterprise-class, physical access control system (PACS), access control infrastructure, four hundred ninety-eight readers and software licenses across thirty-two (32) unique sites.

When implemented, ACM Expedite unlocks the power of ACM on mobile devices, empowering operators to manage access to facilities anytime, anywhere. For operators who can't be stuck behind a desk, ACM Expedite provides quick and easy access to pre-configured global actions to swiftly perform daily operations and respond to critical events while on-the-go. Securing a facility to protect people and property has never been easier.

ACM and Access Control Components to be installed across thirty-two (32) sites include:

- Avigilon Access Control Manager Software - a 100% browser-based, enterprise-class solution
- ACM Enterprise Plus 6 – Web-Based PACS Plus Appliance and Licensing
- Intelligent Mercury Controllers
- Life Safety Power – Integrated Power Systems
- HID Signo 40 Smart Card Readers
- SEOS Contactless Smart Cards 8K
- ACM 6 LDAP Active Directory Connectivity Software License
- ACM 6 Microsoft SQL Server Connectivity Software License
- ACM 6 XML Events Connectivity Software License

1.2 ACCESS CONTROL MANAGEMENT PRODUCTS DESCRIPTION

Avigilon Access Control Manager Software - a physical access control system for enterprise-class installations, designed to protect people, property, and assets. With advanced alarm and identity management, ACM provides superior control of access to facilities. This 100% browser-based solution offers the flexibility to respond to alerts from anywhere. Its unification with Avigilon Control Center (ACC) video management software offers a powerful, end-to-end security solution to monitor and secure sites.

ACM Enterprise Plus 6 Appliances - hardened, Linux-based servers that are ready to go the moment it's plugged in. ACM Appliances allow you to start with what you need on individual appliances, then simply add doors to expand as your facility grows. Built-in peer-to-peer replication technology replicates identity data to additional appliances across sites with no additional software or hardware required, promoting data consistency, and streamlining data entry. Hot standby-auto failover maintains multiple layers of redundancy and resiliency for maximum uptime.



The appliances are suited for larger enterprises looking to protect people and property across multiple locations. Requiring only 1U of rack space, these appliances leverage open-field hardware investments and integrate with existing IT and physical security systems.

Mercury Controllers and Interface Pace Panels – ACM system supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe, and barcode formats.

HID Signo Readers - offer unparalleled security by providing a simple and effective approach to secure access control for almost any scenario. This is achieved via a multi-layered security model that ensures data authenticity and privacy that includes secure storage of cryptographic keys on certified (EAL 5+) secure element hardware, OSDP Secure Channel Protocol for encrypted bidirectional communication between the reader and door controller, trusted, secure authentication using the HID Secure Identity Object (SIO), a data model for storing and transporting identity information in a single object.

HID Global Seos™ Smart Card/Credentials - are ideal for organizations with stringent security requirements for their credential solution, as well as enterprise and government organizations looking for a cost-effective solution. As part of the iCLASS SE platform, the cards deliver superior data integrity and privacy protection by leveraging the latest cryptographic algorithms. Seos™ cards also utilize a secure messaging protocol to protect data transmission with the off-card applications providing strong authentication mechanisms to protect the communications between card and reader.

1.3 ACCESS CONTROL MANAGER (ACM) FEATURES

- Unified Access Control & Video - Inform access control events with contextual video. Verify alarms generated by ACM with the associated live or recorded video stream in ACC for quicker responses.
- Remote Door Lock/Unlock with Maps - Visually pin access-controlled doors spatially on a facility map, view open/close status of doors and remotely lock and unlock doors, including lockdowns during emergencies.
- Identity Management - Display user ID profile pictures with access control events and alarms to know who attempted to enter a door and when
- Alarm Management - Streamline alarm management with audible alerts and colored indicators to visually represent alarm priority. View associated video, enter notes, acknowledge, and clear alarms in one place.
- Customized Reports - Leverage ready-made reports that can be customized to display important access control data suited for your facility.
- Built-In Templates - Be up and running in minutes with a wide selection of easy-to-use templates to configure doors and wiring.
- FIPS 201-2 Certification - ACM is FIPS 201-2 compliant and is on the GSA Approved Product List with pivClass technology, meeting the PIV requirements for U.S. federal government employees and contractors.
- Flexible Integrations - Save on installation costs with support for ASSA ABLOY, SALTO, Schlage, Simons Voss and Von Duprin wireless locks. Increase security with VIRDI's biometric fingerprint reader technology and Bosch intrusion panels.



- Replication & Hot Standby Auto Failover - Simplify identity management with the ability to replicate identity data on multiple ACM Appliances across sites. Save policies, settings, and identities from any one primary appliance to a standby appliance with hot standby-auto failover.
- Identity Correlation Report - Support contact tracing with a list of doors that a potentially infected person has accessed. Verify at-risk people that have accessed the same doors within a specified time.
- ACM Verify Virtual Stations - Extend access control to locations where physical doors are not feasible. ACM Verify enables any browser-enabled device to act as a virtual station by recording and confirming an identity with a PIN.
- Open-Field Hardware Support – Future-proof your ACM system with open-field hardware from Mercury and HID Global
- ACM Expedite Mobile App - ACM Expedite provides operators on-the-go with quick and easy access to pre-configured actions on their mobile device. Simply tap to remotely grant access, lock and unlock doors, or activate a sitewide lockdown. Actions are defined by the administrator and can be tailored to a facility's access control needs.

SECTION 2

EQUIPMENT LIST

Equipment List is included on the pages that follow.



		TOTAL Project Total Units	Adult Recreation Center	Advocacy Center	Airport Maintenance	B of A Parking	Bell Road	City Hall	Courthouse	Detention Center	Field Ops	Firing Range	Foothills Aquatic Center	Foothills Library	Foothills PD	FS151	FS 152	FS 153	FS 154	FS 156	FS 157	FS159	Fire Station Support Services	Gateway PD FD	Heroes Park Library	Landfill	Main Library	Parks Dept Ops Bldg B	Prosecutors Office	Main Public Safety Bldg	Sine Bldg	Velma Teague Library	Media Center	EOC GFA PSTF	Server Licensing Credentials & Warranty	ACM Sandbox		
ACM INFRASTRUCTURE - LSP & CONTROLLERS	DESCRIPTION																																					
AC-LSP-4DR-MER-LCK	Lifesafely PowerFour Door Mercury Dual Voltage Integrated Power System	24	1		1		1	2			3		1			1		1	1			1	1	1	1		1	1						4				
AC-LSP-8DR-MER-LCK	Lifesafely Power Eight Door Mercury Dual Voltage Integrated Power System	64		2		1		5	3	4	8	1	1	1	4	2		1			1	1		5		2	1			12	1		1	7				
AC-LSP-4DR-MER	Lifesafely PowerFour Door Mercury Single Voltage Integrated Power System	51			1		2	6	3	1	9	2	8	2		1							3				1			4	2		4	2				
AC-MER-CON-MR16IN	16 Zone Input Monitor Module with 2 relays (Mercury Part#: MR16in-S3)	30			1		1	3	2	1	4	1	5	1		1							2				1			3	1		2	1				
AC-MER-CON-MR16OUT	16 Relay Output Control Module (Mercury Part#: MR16out-S3)	21					1	3	1		5	1	3	1									1							1	1		2	1				
AC-MER-CONT-LP1502	Intelligent Controller; Linux Based with 2 doors; 8 inputs and 4 outputs; expandable up to 64 doors. (Mercury Part # LP1502)	88	1	2	1	1	1	7	3	4	11	1	1	2	4	2	1	1	1	1	1	1	1	6	1	3	1	1	1	12	2	1	1	11				
AC-MER-CON-MR50	Series 3 Single Reader Interface Module: mag or wiegand; 2 inputs; 2 relays (Mercury Part Number: MR50-S3)	10									10																											
AC-MER-CON-MR52	Series 3 Two-Reader Interface Module: mag or wiegand; 8 inputs; 6 relays (Mercury Part Number: MR52-S3)	216	1	6	1	3	1	17	9	12	27	3	3	4	12	6	1	3	1	1	3	3	1	16	1	7	3	1	1	36	4	1	3	25				
AC-APP-1024R-ENT-PLUS-6	Access Control Manager Enterprise Plus 6 – Web-Based PACS Plus Appliance for 1024 Readers	2																																	1	1		
ACM INFRASTRUCTURE - READERS																																						
HU-40TKS0000	HID 40TKS-00-000000 Signo™ 40 Smart Card Reader	498	2	9	4	8	2	37	18	32	45	5	7	10	32	9	4	8	4	4	6	7	4	41	4	19	7	2	3	84	10	1	8	62				
AC-HID-CARD-SEOS-5006PG1MN	COMPOSITE ICLASS SEOS CONTACTLESS SMART CARD 8K; SEOS OS LOADED	5,000																																		5000		
SOFTWARE, READER LICENSES & CREDENTIALS																																						
AC-SW-LIC-BDGE-6-P	Badging Software Licenses for Avigilon Access Control Manager Enterprise	2																																	1	1		

2.1 SALTO SPECIFIC EQUIPMENT

Part Number	Material Description	Quantity
AC-SALTO-CONTROL-UNIT-IP-CLEARCOVER-CU42E0TUS	Control Unit XS4 2.0 two rdr 6 in 4 out ethernet, expandable via RS485 12VDC x fm enc clear cover	3
AC-SALTO-WALL-READER-DESFIRE-BLACK-WRDB0A4B	Wall Reader ANSI XS4 2.0 BLE DESFire Mifare Black, series CU42x controller req IP66	3
AC-SALTO-PROACCESS-SPACE-SOFTWARE-SPAONLINE	SALTO ProAccess SPACE, ProAccess SPACE Software Online SVN RF Lockdown, Event Stream Automatic Key Assignment Less Photo	1
AC-SALTO-GEO-INDOOR-PADLOCK-BLKRDR-G9P2148830CPBN	GEO Indoor Padlock Mifare DESFire SVN - Black Rdr shackle 8mm dia-30mm len polished chrome	100
AC-SALTO-NEO-US-RIM-CYL-NBB1100N00BCBN	NEO US Rim Cylinder BLE Mifare DESFire SVN, Black Rdr IP55 BioCote	100
AC-SALTO-NEO-CAM-CYL-NBCL119M28BCBA	NEO Cam Cylinder BLE Mifare DESFire SVN, Black Rdr IP55 BioCote	100
AC-SALTO-NEOXX-PADLOCK-DESFIRE-NBP4P00150CPB1	Neox Padlock BLE Mifare DESFire SVN Black - Removable shackle 11mm dia-60mm len IP66 chain	50
AC-SALTO-ENCODER-DESFIRE-ECB04B0US	Encoder BLE DESFire Mifare ethernet, USB can be used as desktop reader	1
AC-SALTO-SHIP-OPTION-SPACE-OPT-0018	SALTO ProAccess SPACE, SPACE SHIP Interface Option (0018)	1
AC-SALTO-ASSEMBLY-TOOL-NEOXX-PADLOCK-SP226009	Assembly Tool Neox Padlock	3
4351 CABLE (FEET)	22-06 OAS STR CMP Wht Jkt	2000
556600 CABLE (FEET)	23-4P UNS SOL CMP C6 Wht Jkt	2000

SECTION 3

STATEMENT OF WORK

Motorola Solutions with our subcontractor, Climatec LLC, will install, configure, program, commission, and test the Avigilon ACM system at each of the proposed locations as detailed in the System Description, Equipment List, and the included Design Documents. COG will assume responsibility for the installation and performance of all other equipment and work necessary for completion of this project that is not provided by Motorola Solutions. The following table describes the general responsibilities involved with installation and configuration.

Implementation services included as part of this proposal are based on work being performed during normal business hours, Monday through Friday or as agreed upon. Should Glendale require services to occur during non-business hours, additional costs may apply and will be handled via the change order process.

Either Party may request changes to the general scope of this Agreement. If a requested change causes an increase or decrease in the cost or a change in system configuration the Parties will agree to an equitable adjustment of the Contract Price and will reflect the adjustment in a Change Order. Neither Party is obligated to perform requested changes unless both Parties execute a written Change Order.

Tasks	Motorola	COG
Avigilon ACM Installation and Configuration		
Execute contract and distribute contract documents.	X	X
Assign a Project Manager as a single point of contact.	X	X
Schedule kickoff meeting.	X	
Ensure that project team members attend all meetings relevant to their role on the project.	X	X
Hold regular project status meetings as agreed upon; record and distribute meeting minutes.	X	
Conduct a Detailed Design Review on a site-by-site basis or as mutually agreed upon.	X	X
Review and update design documents, including System Description, Statement of Work, Project Schedule, and Acceptance Test Plan, based on Design Review agreements.	X	
Provide a Notice to Proceed (NTP) on a site-by-site basis upon approval of each detailed site design.		X
Procure equipment for each site upon receipt of NTP and in accordance with agreed upon implementation schedule.	X	
Schedule implementation for each site in agreement with the Customer.	X	
Submit project milestone completion documents for each site in accordance Contract agreement.	X	

Tasks	Motorola	COG
Upon completion of required tasks, approve project milestone completion documents.		X
Coordinate the activities of all Motorola Solutions subcontractors under this contract.	X	
Administer safe work procedures for installation.	X	
Provide access to all locations in accordance with agreed upon schedule.		X
Receive, Store and Deliver Equipment to Site for Installation	X	
Perform the installation of the items included in project equipment list in accordance with the agreed upon project schedule.	X	
Provide a minimum of 32" x 32" of wall space for wall mounting the new controller enclosures. COG will need to provide enough wall space to be able to wall mount the new panels during the cutover. If wall space is unavailable the ACM enclosures can be mounted within a network rack. COG will need to provide Motorola with direction on where they prefer the enclosures to be mounted.		X
Provide dedicated 110v power circuits near the panel locations. Some locations may need 2 new power circuits.		X
Provide a network connection to the new controllers at each location.		X
Provide an IP address for the ACM server and provide Glendale IT's assistance in getting the new server set up on the COG domain.		X
Provide an Active Directory spreadsheet that will be uploaded to the new Avigilon ACM database. To begin the Active Directory integration the initial information needed will include current user names and employment status. Initially Glendale will be able to manage the card holders and employment status manually, but Motorola will help lead COG towards a full Active Directory integration so the onboarding and releasing of employees is done seamlessly through their Active Directory. The overall AD integration will be expanded as COG deems appropriate.		X
Provide a proof of concept for the Active Directory integration by the completion of the ACM project	X	
Design and configure the new ACM system so that it is organized and grouped in a logical fashion.	X	
Provide site documentation package for each site including installation and operation data such as equipment and backup duration.	X	
Provide Hirsch database reports for existing contractors and vendors that will need to be uploaded to the new Avigilon ACM database.		X

Tasks	Motorola	COG
Provide any data entry functions for the new database. If the Hirsch or Active Directory data is not usable the data will need to be entered by COG in order to build the new database.		X
Build any email or network accounts for online notification.		X
Coordinate and schedule training.	X	
Provide training facilities.		X
Conduct the training classes outlined in the Training Plan.	X	
Attend proposed training classes		X

3.1 INSTALLATION NOTES AND ASSUMPTIONS

Both old and new systems will be active and utilized for access control during the project process at each respective site. There may be a period of time that a door or doors are not monitored during the cutover. That time will be kept to a minimum and will be discussed during planning.

The existing Hirsch Velocity access system will be decommissioned after the respective site is operating on the new ACM system; meaning the old Hirsch panels will be powered down from their respective power supplies. The old panels will be left in place where possible and will remain the property of Glendale. Where Climatec needs to remove panels to accommodate the new panels, the old Hirsch panels will be handed over to COG.

Any facility that is currently using the old Velocity system as an alarm system will need a new and stand-alone Bosch alarm system. The current proposal does not include any new intrusion or fire alarm panels or devices. The current proposal does not include any type of central station monitoring.

New enclosures with ACM controllers and integrated power supplies will be installed in the IDF closets or rooms where existing access control panels are located at each site.

New ACM door modules, input and output boards (I/O's) will be installed to match existing I/O counts.

New HID multi-technology credential/fob/card readers will be installed at each existing reader door to replace the older obsolete units.

New composite cable will need to be pulled to each reader door location from the head end in the existing open/above ceiling tile areas currently used for the existing access system cable routes. The existing Hirsch system cabling scheme set up does not fully support any new access control systems. The Hirsch cabling structure was unique to Hirsch. Where newer and sufficient cable counts already exist, they may be utilized for the respective location.

Motorola plans to use all existing conduit (above ground and underground) and the existing device cabling within those conduits. If the conduit is collapsed or unusable after an initial review, Motorola will report back to Glendale in order to provide a change order for conduit work or to have Glendale contract with their electrical contractor to get it remedied.

For conduit locations that do not have sufficient cable counts to support the devices from a central system head end location, adjustments will be made via a change order to system equipment to allow for field mounted controllers and power supplies when or if needed.

For all exterior gate locations, both vehicle and pedestrian gates, Motorola will utilize the existing cabling where possible. For any gate or underground cabling that is deemed unusable or insufficient at time of install, Motorola will notify Glendale of the deficiency and review the remedy and additional cost options before proceeding.

New cabling will be terminated on the existing door hardware and existing peripheral devices at the door as well as on the new system control panels.

Existing electrified door hardware will be utilized and assumed to be 100% functional. During the install Motorola will note any issues found with existing hardware and devices and will provide a report to City of Glendale.

A new Avigilon ACM Enterprise Plus 6 Appliance will be installed within the City of Glendale data center where the ACM software and database will reside.

Current proposal excludes all badging templates, badge data entry and badge printing.

3.1.1 Salto Specific

Motorola will provide SALTO padlocks and door cylinders along with the ACM integration software.

Motorola will install the SALTO Space software and connect it to the ACM database for a full integration of the two products.

Motorola has included and will install three card readers for system updates and equipment usage downloads to the system. We recommend at least one reader install at the Operations facility and anywhere else the majority of facilities personnel often visits during the week.

Motorola will install the rim and cylindrical lock cylinders and will program them accordingly.

3.2 ACCESS CONTROL EXCLUSIONS

- After-hours labor.
- BIM/3D CAD As-Builts.
- Repair, alignment or replacement of existing doors, door hardware, door closers, door frames, hinges or other door equipment or door adjustments.
- Network Switches.
- Access Control System Permits.
- Fire System Permits.
- Fire Relays.
- Keying or cores and cylinders.
- 120 VAC power.
- Conduit.
- Conduit Repairs.
- Underground Cabling.

- Patching and Painting of any walls or ceilings that may need to be opened for access to wires.
- Viewing PC's for access control by Owner.



SECTION 4

PROJECT SCHEDULE

The proposed solution consists of 32 City of Glendale facilities. On a site-by-site basis, upon the approval of a detailed design and receipt of a Notice to Proceed from the City of Glendale, a mutually agreed upon schedule will be developed and finalized. The overall schedule of the 32 sites is expected to be approximately fifteen months from Contract execution.



SECTION 5

TRAINING PLAN

Effective training will ensure successful implementation and use of the COG's ACM solution by all personnel for the life of the system. A standard course outline included below is comprised of targeted coursework developed and delivered by our expert instructors. This plan will provide COG's personnel with a comprehensive understanding of the proposed solution.

It is necessary that participants bring their laptop computers for all system administrator and technician classes. Materials will be delivered electronically via USB drives.

Course Title	Target Audience	Sessions	Course Duration	Location	Date	Participants
ACM Administrator / Operator Training	Administrator / Operators	2	2 day	Glendale, AZ	Prior to Cutover	10 per session
New ACM Hardware	Facilities	2	4-hour	Glendale, AZ	Prior to Cutover	



5.1 ACM ADMINISTRATOR / OPERATOR TRAINING OUTLINE

COURSE DESCRIPTION

This course overviews various configurations and optimization of an Avigilon™ Access Control Manager (ACM) system. This instructor-led course consists of lectures and hands-on exercises teaching practical applications on an ACM workstation.

01 INTRODUCTION

- Get to Know Avigilon
- Terminology Chart

02 ACCESS CONTROL BASICS

- What is Access Control?
- Basic System Architecture
- ACM Overview

03 HOLIDAYS AND SCHEDULES

- Holidays
- Schedules

04 USER MANAGEMENT

- Access Groups
- Roles
- Identity Profile
- Identities
- User Defined Fields
- Badge Designer

05 LIMITING USER ACCESS

- Delegations
- Limiting Roles
- Routing Groups

06 MANAGING PHYSICAL ACCESS

- Maps
- Overrides
- Custom Door Mode

07 MONITOR THE SYSTEM

- Events
- Report Generation
- Monitor Maps
- Dashboards

08 SYSTEM INTEGRATION

- ACC/ACM Integration

09 RESOURCES

- Identity Correlation Report

NOTE: MATERIALS

Bring a laptop, charger, mouse, and pen. The instructor will provide the learning materials.

5.2 NEW ACM HARDWARE OUTLINE

This training will be focused on the facilities department and will include ACM panel resets, power supply resets, battery replacement, card reader replacement and anything the facilities department requests to be trained on for the related hardware.

SECTION 6

ACCEPTANCE TEST PLAN

Acceptance for each site of the proposed solution will occur upon successful completion of a Functional Acceptance Test Plan (FATP), which will test the features and functionality for the installed equipment in order to verify that the solution operates according to its design. Final System Acceptance will occur upon completion of all deliverables and testing for the proposed 32 sites.



SECTION 7

WARRANTY AND MAINTENANCE PLAN

Motorola Solutions will provide warranty services per our standard warranty terms and conditions as outlined within the Communication Systems Agreement within this proposal. In addition to the warranty services, Motorola Solutions will provide during the Warranty Period above-warranty services that are described generally below. A full description and statement of work describing the services that will be provided are available upon request. After the Warranty Period, the services may be purchased under a separate maintenance agreement.

Warranty does not cover any existing door hardware, door contacts, REX motions or any other repurposed peripheral door device.

7.1.1 Technical Support Service

Motorola Solutions Technical Support service provides an additional layer of support through centralized, telephone consultation for issues that require a high level of communications network expertise and troubleshooting capabilities. Technical Support is delivered by the System Support Center (SSC). The SSC is staffed with trained, skilled technologists specializing in the diagnosis and swift resolution of network performance issues. These technologists have access to a solutions database as well as in house test labs and development engineers. Technical Support cases are continuously monitored against stringent inbound call management and case management standards to ensure rapid and consistent issue resolution. Technical Support service translates into measurable, customer-specific metrics for assured network performance and system availability.

7.1.2 Dispatch Service

Motorola Solutions' Dispatch Service ensures that trained and qualified technicians are dispatched to diagnose and restore your communications network. Following proven response and restoration processes, the local authorized service center in your area is contacted and a qualified technician is sent to your site. An automated escalation and case management process is followed to ensure that technician site arrival and system restoration comply with contracted response and restore times. Once the issue has been resolved, the System Support Center verifies resolution and with your approval, closes the case. Activity records are also available to provide a comprehensive history of site performance, issues, and resolution.

7.1.3 On-Site Infrastructure Response – 8X5

Motorola Solutions On-Site Infrastructure Response provides local, trained and qualified technicians who arrive at your location to diagnose and restore your system. This service is available Monday through Friday 8am to 5pm excluding holidays. Following proven response and restore processes, Motorola Solutions Dispatch contacts the local authorized service center in your area and dispatches a qualified technician to your site. An automated



escalation and case management process ensures that technician site arrival and system restoration comply with contracted response times. The field technician restores the system by performing first level troubleshooting on site. If the technician is unable to resolve the issue, the case is escalated to the System Support Center or product engineering teams as needed.

7.2 ACM & THIRD-PARTY WARRANTIES

Avigilon cooperates with a range of industry partners to complete your physical access control system. These components are subject to the respective product manufacturer's warranties and their associated terms and conditions.

Avigilon does not separately provide a warranty in respect of these products. For further information, please see the appropriate product documentation or visit the specific product manufacturer's website for details as detailed below.

- Avigilon ACM Enterprise Plus 6 Appliance – 3 year, [Limited Warranty](#)
- 2 Year Extended Warranty included in proposal (total 5 years)
- Life Safety Power Enclosures – [Limited Lifetime Warranty](#)
- Mercury Controllers – 3 years
- HID Global Readers – [Limited Lifetime Warranty](#)
- HID Seos™ Smart Card/Credentials – [Limited Lifetime Warranty](#)

SECTION 8

PRICING AND PAYMENT TERMS

Description	Price
Equipment Total	\$1,120,741.66
HGAC Discount	(\$112,074.13)
Equipment Total After Discount	\$1,008,667.53
Services Total	\$2,565,280.76
Technology Bank	\$200,000.00
System Total	\$3,773,948.29
Bundling Incentive**	(\$337,101.01)
System Total After Bundling Incentive	\$3,436,847.28
Estimated Tax (on equipment only at 9.2 %)	\$92,797.41
PROJECT TOTAL	\$3,529,644.69
**Bundling incentive valid for contract of all sites as proposed	

8.1 PAYMENT TERMS

System Purchase (excluding Subscribers, if applicable)

1. 50% of each Site Price is due upon shipment of site equipment.
2. 50% of each Site Price is due upon completion of site installation.

Motorola shall make partial shipments of equipment and will request payment upon shipment of such equipment. In addition, Motorola shall invoice for installations completed on a site-by-site basis or when professional services are completed, when applicable.

Site Name	Equipment Total (MSRP)	Equipment Total (HGAC Discount)	Sales Tax (9.2% on Equipment Only)	Services	Bundling Incentive*	Total
Adult Recreation	\$4,852.07	\$4,366.86	\$401.75	\$15,718.63	(\$1,667.25)	\$18,819.99
Advocacy Center	\$15,816.26	\$14,234.63	\$1,309.59	\$47,117.15	(\$5,101.50)	\$57,559.87
Airport Maintenance	\$8,219.44	\$7,397.50	\$680.57	\$28,152.67	(\$2,947.68)	\$33,283.06
B of A Parking	\$12,400.29	\$11,160.26	\$1,026.74	\$41,816.39	(\$4,393.97)	\$49,609.42
Bell Road Project	\$7,610.06	\$6,849.05	\$630.11	\$22,690.40	(\$2,456.20)	\$27,713.36
City Hall	\$61,545.25	\$55,390.73	\$5,095.95	\$177,863.70	(\$19,407.85)	\$218,942.53
Courthouse	\$29,972.73	\$26,975.46	\$2,481.74	\$79,932.38	(\$8,910.82)	\$100,478.76
Detention Center	\$35,780.15	\$32,202.14	\$2,962.60	\$126,752.53	(\$13,171.30)	\$148,745.97
EOC GFA PSTF	\$82,104.91	\$73,894.42	\$6,798.29	\$258,253.42	(\$27,587.27)	\$311,358.86
Field Ops	\$88,846.59	\$79,961.93	\$7,356.50	\$245,951.09	(\$27,142.76)	\$306,126.76
Fire Station Support Services	\$6,840.44	\$6,156.40	\$566.39	\$25,147.25	(\$2,592.06)	\$29,277.98
Firing Range	\$12,850.72	\$11,565.65	\$1,064.04	\$36,569.75	(\$4,006.44)	\$45,193.00
Foothills Aquatic	\$23,809.59	\$21,428.63	\$1,971.43	\$61,679.43	(\$6,931.62)	\$78,147.87
Foothills Library	\$18,660.35	\$16,794.32	\$1,545.08	\$58,127.05	(\$6,224.02)	\$70,242.43
Foothills PDFD	\$36,101.16	\$32,491.04	\$2,989.18	\$113,579.48	(\$12,132.12)	\$136,927.58
FS 151	\$16,845.26	\$15,160.73	\$1,394.79	\$46,864.28	(\$5,165.04)	\$58,254.76
FS 152	\$8,015.44	\$7,213.90	\$663.68	\$22,541.58	(\$2,476.80)	\$27,942.36
FS 153	\$11,050.29	\$9,945.26	\$914.96	\$33,712.15	(\$3,628.35)	\$40,944.02
FS 154	\$6,840.44	\$6,156.40	\$566.39	\$23,754.19	(\$2,479.40)	\$27,997.58
FS 156	\$6,840.44	\$6,156.40	\$566.39	\$23,754.19	(\$2,479.40)	\$27,997.58
FS 157	\$9,061.91	\$8,155.72	\$750.33	\$31,221.20	(\$3,264.62)	\$36,862.63
FS 159	\$10,731.10	\$9,657.99	\$888.54	\$35,243.30	(\$3,726.14)	\$42,063.69
Gateway PD FD	\$53,989.92	\$48,590.93	\$4,470.37	\$161,592.59	(\$17,475.36)	\$197,178.53
Heroes Park Library	\$6,840.44	\$6,156.40	\$566.39	\$28,508.32	(\$2,863.89)	\$32,367.22
Landfill	\$23,221.83	\$20,899.65	\$1,922.77	\$75,926.64	(\$8,035.81)	\$90,713.25
Main Library	\$12,110.10	\$10,899.09	\$1,002.72	\$37,723.49	(\$4,039.28)	\$45,586.02
Main Public Safety Building	\$119,439.20	\$107,495.28	\$9,889.57	\$296,877.97	(\$33,757.82)	\$380,505.00
Media Center	\$16,566.29	\$14,909.66	\$1,371.69	\$45,738.19	(\$5,051.17)	\$56,968.37
Parks Dept Ops Bldg B	\$4,852.07	\$4,366.86	\$401.75	\$20,406.06	(\$2,046.35)	\$23,128.32
Prosecutors Office	\$5,171.25	\$4,654.13	\$428.18	\$18,837.49	(\$1,945.53)	\$21,974.27
Sine Building	\$15,960.35	\$14,364.32	\$1,321.52	\$53,799.54	(\$5,653.66)	\$63,831.72
Velma Teague Library	\$4,357.88	\$3,922.09	\$360.83	\$14,030.00	(\$1,490.36)	\$16,822.56
ACM Server and Licensing	\$83,334.00	\$75,000.60	\$6,900.06	\$94,109.53	(\$13,792.58)	\$162,217.61
Training	0	\$0.00	\$0.00	\$22,048.02	(\$1,924.02)	\$20,124.00

Site Name	Equipment Total (MSRP)	Equipment Total (HGAC Discount)	Sales Tax (9.2% on Equipment Only)	Services	Bundling Incentive*	Total
Sky Watch ACC7	\$30,000.00	\$27,000.00	\$2,484.00	\$12,123.62	(\$41,607.62)	\$0.00
Salto	\$221,603.84	\$199,443.46	\$18,348.80	\$112,935.65	(\$27,587.25)	\$303,140.66
ACM Sandbox	\$8,499.60	\$7,649.64	\$703.77	\$14,181.44	(\$1,937.70)	\$20,597.15
TOTAL	\$1,120,741.66	\$1,008,667.53	\$92,797.41	\$2,565,280.76	(\$337,101.01)	\$3,329,644.69

*Bundling Incentive is contingent on purchase of all sites as proposed. Full system incentive is shown broken down by site per the City. The incentive of \$337,101.01 is valid with a contract for the full value of \$3,773,948.29 plus applicable sales tax.

SECTION 9

CONTRACTUAL DOCUMENTATION

This proposal pricing is pursuant the H-GAC (Houston-Galveston Area Council) Contract number RA05-21. Glendale and Motorola previously entered into a Contract effective September 26, 2019 (the "Contract"). Section 3.5 of the Contract permits Glendale to make additional purchases of Equipment, Software, and services using the Contract as the underlying agreement. This proposal is based on the assumption that the Customer will use its rights under Section 3.5 for the proposed transaction(s) and that the terms and conditions of the Contract apply. To do so, Glendale may accept this offer by returning executed copies of Amendment Number Two to memorialize the purchase of products and services as described in Motorola's proposal. The proposal shall remain valid until 12/17/2021.



H-GAC

Houston-Galveston Area Council

P.O. Box 22777 · 3555 Timmons · Houston, Texas 77227-2777

Cooperative Agreement - Contract - Motorola Solutions, Inc. - Public Services - ID: 7290

MOTOROLA GENERAL PROVISIONS

This Master Agreement is made and entered into, by and between the Houston-Galveston Area Council hereinafter referred to as H-GAC having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027 and Motorola Solutions, Inc., hereinafter referred to as the Contractor, having its principal place of business at 500 West Monroe Street, Chicago, IL 60661.

WITNESSETH:

WHEREAS, H-GAC hereby engages the Contractor to perform certain services in accordance with the specifications of the Master Agreement; and

WHEREAS, the Contractor has agreed to perform such services in accordance with the specifications of the Master Agreement;

NOW, THEREFORE, H-GAC and the Contractor do hereby agree as follows:

ARTICLE 1: LEGAL AUTHORITY

The Contractor warrants and assures H-GAC that it possesses adequate legal authority to enter into this Master Agreement. The Contractor's governing body, where applicable, has authorized the signatory official(s) to enter into this Master Agreement and bind the Contractor to the terms of this Master Agreement and any subsequent amendments hereto.

ARTICLE 2: APPLICABLE LAWS

The Contractor agrees to conduct all activities under this Master Agreement in accordance with all federal laws, executive orders, policies, procedures, applicable rules, regulations, directives, standards, ordinances, and laws, in effect or promulgated during the term of this Master Agreement, including without limitation, workers' compensation laws, minimum and maximum salary and wage statutes and regulations, and licensing laws and regulations. When required, the Contractor shall furnish H-GAC with satisfactory proof of its compliance therewith.

ARTICLE 3: PUBLIC INFORMATION

Except as stated below, all materials submitted to H-GAC, including any attachments, appendices, or other information submitted as a part of a submission or Master Agreement, are considered public information, and become the property of H-GAC upon submission and may be reprinted, published, or distributed in any manner by H-GAC according to open records laws, requirements of the US Department of Labor and the State of Texas, and H-GAC policies and procedures. In the event the Contractor wishes to claim portions of the response are not subject to the Texas Public Information Act, it shall so; however, the determination of the Texas Attorney General as to whether such information must be disclosed upon a public request shall be binding on the Contractor. H-GAC will request such a determination only if Contractor bears all costs for preparation of the submission. H-GAC is not responsible for the return of creative examples of work submitted. H-GAC will not be held accountable if material from submissions is obtained without the written consent of the contractor by parties other than H-GAC, at any time during the evaluation process.

ARTICLE 4: INDEPENDENT CONTRACTOR

The execution of this Master Agreement and the rendering of services prescribed by this Master Agreement do not change the independent status of H-GAC or the Contractor. No provision of this Master Agreement or act of H-GAC in performance of the Master Agreement shall be construed as making the Contractor the agent, servant, or employee of H-GAC, the State of Texas, or the United States Government. Employees of the Contractor are subject to the exclusive control and supervision of the Contractor. The Contractor is solely responsible for employee related disputes and discrepancies, including employee payrolls and any claims arising therefrom.

ARTICLE 5: ANTI-COMPETITIVE BEHAVIOR

Contractor will not collude, in any manner, or engage in any practice which may restrict or eliminate competition or otherwise restrain trade.

ARTICLE 6: SUSPENSION AND DEBARMENT

Debarment and Suspension (Executive Orders 12549 and 12689) – A contract award (2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1966 Comp. p. 189) and 12689 (3 CFR Part 1989 Comp. p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Pursuant to the Federal Rule above, Respondent certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency or by the State of Texas and at all times during the term of the Contract neither it nor its principals will be debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency or by the State of Texas Respondent shall immediately provide the written notice to H-GAC if at any time the Respondent learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances. H-GAC may rely upon a certification of the Respondent that the Respondent is not debarred, suspended, ineligible, or voluntarily excluded from the covered contract, unless the H-GAC knows the certification is erroneous.

ARTICLE 7: GOAL FOR CONTRACTING WITH SMALL AND MINORITY BUSINESSES, WOMEN’S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS (if subcontracts are to be let)

H-GAC’s goal is to assure that small and minority businesses, women’s business enterprises, and labor surplus area firms are used when possible in providing services under a contract. In accordance with federal procurements requirements of 2 CFR §200.321, if subcontracts are to be let, the prime contractor must take the affirmative steps listed below:

1. Placing qualified small and minority businesses and women’s business enterprises on solicitation lists;
2. Assuring that small and minority businesses and women’s business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller task or quantities to permit maximum participation by small and minority businesses, and women’s business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women’s business enterprises;
5. Using the services and assistance as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Nothing in this provision will be construed to require the utilization of any firm that is either unqualified or unavailable. The Small Business Administration (SBA) is the primary reference and database for information on requirements related to Federal Subcontracting <https://www.sba.gov/federal-contracting/contracting-guide/prime-subcontracting>

NOTE: The term DBE as used in this solicitation is understood to encompass all programs/business enterprises such as: Small Disadvantaged Business (SDB), Historically Underutilized Business (HUB), Minority Owned Business Enterprise (MBE), Women Owned Business Enterprise (WBE) and Disabled Veteran Business Enterprise (DVBE) or other designation as issued by a certifying agency.

Contractor agrees to work with and assist HGACBuy customer in meeting any DBE targets and goals, as may be required by any rules, processes, or programs they might have in place. Assistance may include compliance with reporting requirements, provision of documentation, consideration of Certified/Listed subcontractors, provision of documented evidence that an active participatory role for a DBE entity was considered in a procurement transaction, etc.

ARTICLE 8: SCOPE OF SERVICES

The services to be performed by the Contractor are outlined in an Attachment to this Agreement.

ARTICLE 9: PERFORMANCE PERIOD

This Master Agreement shall be performed during the period which begins 08/01/21 and ends 07/31/23. All services under this Master Agreement must be rendered within this performance period, unless directly specified under a written change or extension provisioned under Article 21, which shall be fully executed by both parties to this Master Agreement.

ARTICLE 10: PAYMENT OR FUNDING

Payment provisions under this Master Agreement are outlined in the Special Provisions. H-GAC will not pay for any expenses incurred prior to the execution date of a contract, or any expenses incurred after the termination date of the contract.

ARTICLE 11: PAYMENT FOR WORK

The H-GAC Customer is responsible for making payment to the Contractor upon delivery and acceptance of the goods or completion of the services and submission of the subsequent invoice.

ARTICLE 12: PAYMENT TERMS/PRE-PAYMENT/QUANTITY DISCOUNTS

If discounts for accelerated payment, pre-payment, progress payment, or quantity discounts are offered, they must be clearly indicated in the Contractor's submission prior to contract award. The applicability or acceptance of these terms is at the discretion of the Customer.

ARTICLE 13: REPORTING REQUIREMENTS

If the Contractor fails to submit to H-GAC in a timely and satisfactory manner any report required by this Agreement, or otherwise fails to satisfactorily render performances hereunder, H-GAC may terminate this agreement with notice as identified in Article 29 of these General Provisions. H-GAC has final determination of the adequacy of performance and reporting by Contractor. Termination of this agreement for failure to perform may affect Contractor's ability to participate in future opportunities with H-GAC. The Contractor's failure to timely submit any report may also be considered cause for termination of this Agreement.

Any additional reporting requirements shall be set forth in the Special Provisions of this Agreement.

ARTICLE 14: INSURANCE

Contractor shall maintain insurance coverage for work performed or services rendered under this Master Agreement as outlined and defined in the attached Special Provisions.

ARTICLE 15: SUBCONTRACTS AND ASSIGNMENTS

Except as may be set forth in the Special Provisions, the Contractor agrees not to assign, transfer, convey, sublet, or otherwise dispose of this Master Agreement or any right, title, obligation, or interest it may have therein to any third party without prior written approval of H-GAC, which will not be unreasonably withheld. The Contractor acknowledges that H-GAC is not liable to any subcontractor or assignee of the Contractor. The Contractor shall ensure that the performance rendered under all subcontracts shall result in compliance with all the terms and provisions of this Master Agreement as if the performance rendered was rendered by the Contractor. Contractor shall give all required notices, and comply with all laws and regulations applicable to furnishing and performance of the work. Except where otherwise expressly required by applicable law or regulation, H-GAC shall not be responsible for monitoring Contractor's compliance, or that of Contractor's subcontractors, with any laws or regulations.

ARTICLE 16: AUDIT

Notwithstanding any other audit requirement, H-GAC reserves the right to conduct or cause to be conducted an independent audit of any transaction under this Master Agreement, such audit may be performed by the H-GAC local government audit staff, a certified public accountant firm, or other auditors designated by H-GAC and will be conducted in accordance with applicable professional standards and practices. The Contractor understands and agrees that the Contractor shall be liable to the H-GAC for any findings that result in monetary obligations to H-GAC.

In no circumstances will Contractor be required to create or maintain documents not kept in the ordinary course of its business operations, nor will Contractor be required to disclose any information, including but not limited to product cost data, which it considers confidential or proprietary.

ARTICLE 17: TAX EXEMPT STATUS

H-GAC and Customer members are either units of government or qualified non-profit agencies, and are generally exempt from Federal and State sales, excise or use taxes. Respondent must not include taxes in its Response. It is the responsibility of Contractor to determine the applicability of any taxes to an order and act accordingly. Exemption certificates will be provided upon request.

ARTICLE 18: EXAMINATION OF RECORDS

The Contractor shall maintain during the course of the work complete and accurate records of all of the Contractor's invoices and pertinent documentation of items which are chargeable to H-GAC under this Master Agreement. H-GAC, through its staff or designated public accounting firm, the State of Texas, and United States Government, shall have the right at any reasonable time to inspect, copy and audit those pertinent records on or off the premises by authorized representatives of its own or any public accounting firm selected by H-GAC. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. Failure to provide access to records may be cause for termination of the Master Agreement.

The Contractor further agrees that the examination of records outlined in this article shall be included in all subcontractor or third-party agreements.

ARTICLE 19: RETENTION OF RECORDS

The Contractor and its subcontractors shall maintain all records pertinent to this Master Agreement, for a period of seven (7) years from the later of the date of acceptance of the final payment or until all audit findings have been resolved. If any litigation, claim, negotiation, audit, or other action involving the records has been started before the expiration of the retention period, the records shall be retained until completion of the action and resolution of all issues which arise from it, or until the end of the seven (7) years, whichever is later, and until any outstanding litigation, audit, or claim has been fully resolved.

ARTICLE 20: DISTRIBUTORS, VENDORS, RESELLERS

Contractor agrees and acknowledges that any such designations of distributors, vendors, resellers or the like are for the convenience of the Contractor only and the awarded Contractor will remain responsible and liable for all obligations under the Contract and the performance of any designated distributor, vendor, reseller, etc. Contractor is also responsible for receiving and processing any Customer purchase order in accordance with the Contract and forwarding of the Purchase Order to the designated distributor, vendor, reseller, etc. to complete the sale or service. H-GAC reserves the right to reject any entity acting on the Contractor's behalf or refuse to add entities after a contract is awarded.

ARTICLE 21: CHANGE ORDERS AND AMENDMENTS

- A. Any alterations, additions, or deletions to the terms of this Master Agreement, which are required by changes in federal or state law or by regulations, are automatically incorporated without written amendment hereto, and shall become effective on the date designated by such law or by regulation.
- B. To ensure the legal and effective performance of this Master Agreement, both parties agree that any amendment that affects the performance under this Master Agreement must be mutually agreed upon and that all such amendments must be in writing. After a period of no less than 30 days subsequent to written notice, unless sooner implementation is required by law, such amendments shall have the effect of qualifying the terms of this Master Agreement and shall be binding upon the parties as if written herein.
- C. Customers have the right to issue a change order to any purchase orders issued to the Contractor for the purposes of clarification or inclusion of additional specifications, qualifications, conditions, etc. The change order must be in writing and agreed upon by Contractor and the Customer agency prior to issuance of any Change Order. A copy of the Change Order must be provided by the Contractor to, and acknowledged by, H-GAC.

ARTICLE 22: CONTRACT ITEM CHANGES

- A. If a manufacturer discontinues a contracted item, that item will automatically be considered deleted from the contract with no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item, or take any other action deemed by H-GAC, at its sole discretion, to be in the best interests of its Customers.
- B. If a manufacturer makes any kind of change in a contracted item which affects the contract price, Contractor must advise H-GAC of the details. H-GAC may allow or reject the change at its sole discretion. If the change is rejected, H-GAC will remove the item from its program and there will be no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item, or take any other action deemed by H-GAC, at its sole discretion, to be in the best interests of its Customers.
- C. If a manufacturer makes any change in a contracted item which does not affect the contract price, Contractor shall advise H-GAC of the details. If the 'new' item is equal to or better than the originally contracted item, the 'new' item shall be approved as a replacement. If the change is rejected H-GAC will remove the item from its program and there will be no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item or may take any other action deemed by H-GAC at its sole discretion, to be in the best interests of its Customers.
- D. In the case of specifically identified catalogs or price sheets which have been contracted as base bid items or as published options, routine published changes to products and pricing will be automatically incorporated into the contract. However, Contractor must still provide thirty (30) calendar days written

notice and an explanation of the changes to products and pricing. H-GAC will respond with written approval.

ARTICLE 23: CONTRACT PRICE ADJUSTMENTS

Price Decreases

If Contractor's Direct Cost decreases at any time during the full term of this award, Contractor must immediately pass the decrease on to H-GAC and lower its prices by the amount of the decrease in Direct Cost. (Direct Cost means Contractor's cost from the manufacturer of any item or if Contractor is the manufacturer, the cost of raw materials required to manufacture the item, plus costs of transportation from manufacturer to Contractor and Contractor to H-GAC. Contractor must notify H-GAC of price decreases in the same way as for price increases set out below. The price decrease shall become effective upon H-GAC's receipt of Contractor's notice. If Contractor routinely offers discounted contract pricing, H-GAC may request Contractor accept amended contract pricing equivalent to the routinely discounted pricing

Price Increases

Contractors may request a price increase for items priced as Base Bid items and Published Options after twelve (12) months from the bid opening date of the bid received by H-GAC. The amount of any increase will not exceed actual documented increase in Contractor's Direct Cost and will not exceed 10% of the previous bid price. Considerations on the percentage limit will be given if the price increase is the result of increased tariff charges, or other economic factors.

Price Changes

Any permanent increase or decrease in offered pricing for a base contract item or published option is considered a price change. Temporary increases in pricing by whatever name (e.g. 'surcharge', 'adjustment', 'equalization charge', 'compliance charge', 'recovery charge', etc.), are also considered to be price changes. For published catalogs and price sheets as part of an H-GAC contract, requests to amend the contract to reflect any new published catalog or price sheet must be submitted whenever the manufacturer publishes a new document. The request must include the new catalog or price sheet.

All Products shall, at time of sale, be equipped as required under any then current applicable local, state, and federal government requirements. If, during the course of any contract, changes are made to any government requirements which cause a manufacturer's costs of production to increase, Contractor may increase pricing to the extent of Contractor's actual cost increase. The increase must be substantiated with support documentation acceptable to H-GAC prior to taking effect. Modifications to a Product required to comply with such requirements which become effective after the date of any sale are the responsibility of the Customer.

Requesting Price Increase/Required Documentation

Contractor must submit a written notification at least thirty (30) calendar days prior to the requested effective date of the change, setting the amount of the increase, along with an itemized list of any increased prices, showing the Contractor's current price, revised price, the actual dollar difference and the percentage of the price increase by line item. Price change requests must include H-GAC Forms D Offered Item Pricing and E Options Pricing, or the documentation used to submit pricing in the original Response and be supported with substantive documentation (e.g. manufacturer's price increase notices, copies of invoices from suppliers, etc.) clearly showing that Contractor's actual costs have increased per the applicable line-item bid. The Producer Price Index (PPI) may be used as partial justification, subject to approval by H-GAC, but no price increase based solely on an increase in the PPI will be allowed. This documentation should be submitted in Excel format to facilitate analysis and updating of the website. The letter and documentation must be sent to the Bids and Specifications manager, William Burton, at William.Burton@h-gac.com

Review/Approval of Requests

If H-GAC approves the price increase, Contractor will be notified in writing; no price increase will be effective until Contractor receives this notice. If H-GAC does not approve Contractor's price increase, Contractor may terminate its performance upon sixty (60) days advance written notice to H-GAC, however Contractor must fulfill any outstanding Purchase Orders. Termination of performance is Contractor's only remedy if H-GAC does not approve the price increase. H-GAC reserves the right to accept or reject any price change request.

ARTICLE 24: DELIVERIES AND SHIPPING TERMS

The Contractor agrees to make deliveries only upon receipt of authorized Customer Purchase Order acknowledged by H-GAC. Delivery made without such Purchase Order will be at Contractor's risk and will leave H-GAC the option of canceling any contract awarded to the Contractor. The Contractor must secure and deliver any item within five (5) working days, or as agreed to on any corresponding customer Purchase Order.

Shipping must be Freight On Board Destination to the delivery location designated on the Customer purchase order. The Contractor will retain title and control of all goods until delivery is completed and the Customer has accepted the delivery. All risk of transportation and all related charges are the responsibility of the Contractor. The Customer will notify the Contractor and H-GAC promptly of any damaged goods and will assist the Contractor in arranging for inspection. The Contractor must file all claims for visible or concealed damage. Unless otherwise stated in the Master Agreement, deliveries must consist only of new and unused merchandise.

ARTICLE 25: RESTOCKING (EXCHANGES AND RETURNS)

There will be no restocking charge to the Customer for return or exchange of any item purchased under the terms of any award. If the Customer wishes to return items purchased under an awarded contract, the Contractor agrees to exchange, these items for other items, with no additional charge incurred. Items must be returned to Contractor within thirty (30) days from date of delivery. If there is a difference in price in the items exchanged, the Contractor must notify H-GAC and invoice Customer for increase price or provide the Customer with a credit or refund for any decrease in price per Customer's preference. On items returned, a credit or cash refund will be issued by the Contractor to Customer. This return and exchange option will extend for thirty (30) days following the expiration of the term of the Contract. All items returned by the Customer must be unused and in the same merchantable condition as when received. Items that are special ordered may be returned only upon approval of the Contractor.

ARTICLE 26: MANUALS

Each product delivered under contract to any Customer must be delivered with at least one (1) copy of a safety and operating manual and any other technical or maintenance manual. The cost of the manual(s) must be included in the price for the Product offered.

ARTICLE 27: OUT OF STOCK, PRODUCT RECALLS, AND DISCONTINUED PRODUCTS

H-GAC does NOT purchase the products sold pursuant to a Solicitation or Master Agreement. Contractor is responsible for ensuring that notices and mailings, such as Out of Stock or Discontinued Notices, Safety Alerts, Safety Recall Notices, and customer surveys, are sent directly to the Customer with a copy sent to H-GAC. Customer will have the option of accepting any equivalent product or canceling the item from Customer's Purchase Order. Contractor is not authorized to make substitutions without prior Customer approval.

ARTICLE 28: WARRANTIES, SALES, AND SERVICE

Warranties must be the manufacturer's standard and inclusive of any other warranty requirements stated in the Master Agreement; any warranties offered by a dealer will be in addition to the manufacturer's standard warranty and will not be a substitute for such. Pricing for any product must be inclusive of the standard warranty.

Contractor is responsible for the execution and effectiveness of all product warranty requests and any claims, Contractor agrees to respond directly to correct warranty claims and to ensure reconciliation of warranty claims that have been assigned to a third party.

ARTICLE 29: TERMINATION PROCEDURES

The Contractor acknowledges that this Master Agreement may be terminated for Convenience or Default. H-GAC will not pay for any expenses incurred after the termination date of the contract.

A. *Convenience*

H-GAC may terminate this Master Agreement at any time, in whole or in part, with or without cause, whenever H-GAC determines that for any reason such termination is in the best interest of H-GAC, by providing thirty (30) days written notice by certified mail to the Contractor. Upon receipt of notice of termination, all services hereunder of the Contractor and its employees and subcontractors shall cease to the extent specified in the notice of termination.

The Contractor may cancel or terminate this Master Agreement upon submission of thirty (30) days written notice, presented to H-GAC via certified mail. The Contractor may not give notice of cancellation after it has received notice of default from H-GAC.

B. *Default*

H-GAC may, by written notice of default to the Contractor, terminate the whole or any part of the Master Agreement, in any one of the following circumstances:

- (1) If the Contractor fails to perform the services herein specified within the time specified herein or any extension thereof; or
- (2) If the Contractor fails to perform any of the other provisions of this Agreement for any reason whatsoever, or so fails to make progress or otherwise violates the Agreements that completion of services herein specified within the Agreement term is significantly endangered, and in either of these two instances does not cure such failure within a period of fifteen (15) days (or such longer period of time as may be authorized by H-GAC in writing) after receiving written notice by certified mail of default from H-GAC.
- (3) In the event of such termination, Contractor will notify H-GAC of any outstanding Purchase Orders and H-GAC will consult with the End User and notify the Contractor to what extent the End User wishes the Contractor to complete the Purchase Order. If Contractor is unable to do so, Contractor may be subject to a claim for damages from H-GAC and/or the End User.

ARTICLE 30: SEVERABILITY

H-GAC and Contractor agree that should any provision of this Master Agreement be determined to be invalid or unenforceable, such determination shall not affect any other term of this Master Agreement, which shall continue in full force and effect.

ARTICLE 31: FORCE MAJEURE

To the extent that either party to this Master Agreement shall be wholly or partially prevented from the performance of any obligation or duty placed on such party by reason of or through strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, accident, order of any court, act of God, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance, in such event, the time for the performance of such obligation or duty shall be suspended until such disability to perform is removed. The party affected by the Force Majeure will notify the other within fifteen (15) days. Determination of force majeure shall rest solely with H-GAC.

ARTICLE 32: CONFLICT OF INTEREST

No officer, member or employee of the Contractor or Contractors subcontractor, no member of the governing body of the Contractor, and no other public officials of the Contractor who exercise any functions or responsibilities in the review or Contractor approval of this Master Agreement, shall participate in any decision relating to this Master Agreement which affects his or her personal interest, or shall have any personal or pecuniary interest, direct or indirect, in this Master Agreement.

- A. **Conflict of Interest Questionnaire:** Chapter 176 of the Texas Local Government Code requires contractors contracting or seeking to contract with H-GAC to file a conflict-of-interest questionnaire (CIQ) if they have an employment or other business relationship with an H-GAC officer or an officer's close family member. The required questionnaire and instructions are located on the H-GAC website or at the Texas Ethics Commission website <https://www.ethics.state.tx.us/forms/CIQ.pdf>. H-GAC officers include its Board of Directors and Executive Director, who are listed on this website. Respondent must complete and file a CIQ with the Texas Ethics Commission if an employment or business relationship with H-GAC office or an officer's close family member as defined in the law exists.
- B. **Certificate of Interested Parties Form – Form 1295:** As required by Section 2252.908 of the Texas Government Code. H-GAC will not enter a Contract with Contractor unless (i) the Contractor submits a disclosure of interested parties form to H-GAC at the time the Contractor submits the contract H-GAC, or (ii) the Contractor is exempt from such requirement. The required form and instructions are located at the Texas Ethics Commission website https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm. Respondents who are awarded a Contract must submit their Form 1295 with the signed Contract to H-GAC.

ARTICLE 33: FEDERAL COMPLIANCE

Contractor agrees to comply with all applicable federal statutes relating to nondiscrimination, labor standards, and environmental compliance. With regards to "Rights to Inventions Made Under a Contract or Master Agreement," If the Federal award meets the definition of "funding Master Agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding Master Agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Master Agreements," and any implementing regulations issued by the awarding agency. Contractor agrees to be wholly compliant with the provisions of 2 CFR 200, Appendix II. Additionally, for work to be performed under the Master Agreement or subcontract thereof, including procurement of materials or leases of equipment, Contractor shall notify each potential subcontractor or supplier of the Contractor's federal compliance obligations. These may include, but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) the Fair Labor Standards Act of 1938 (29 USC 676 et. seq.), (d) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990; (e) the Age Discrimination in Employment Act of 1967 (29 USC 621 et. seq.) and the Age Discrimination Act of 1974, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (f) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (g) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to the nondiscrimination on the basis of alcohol abuse or alcoholism; (h) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (i) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (j) any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Master Agreement; (k) the requirements of any other nondiscrimination statute(s) which may apply to this Master

Agreement; (l) applicable provisions of the Clean Air Act (42 U.S.C. §7401 et seq.), the Federal Water Pollution Control Act, as amended (33 U.S.C. §1251 et seq.), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and the Environmental Protection Agency regulations at 40 CFR Part 15; (m) applicable provisions of the Davis- Bacon Act (40 U.S.C. 276a - 276a-7), the Copeland Act (40 U.S.C. 276c), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-332), as set forth in Department of Labor Regulations at 20 CFR 5.5a; (n) the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (P.L. 94-163).

ARTICLE 34: PROHIBITION ON CONTRACTING WITH ENTITIES USING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE EQUIPMENT (EFFECTIVE AUG. 13, 2020 AND AS AMENDED OCTOBER 26, 2020)

Pursuant to 2 CFR 200.216, Contractor shall not offer equipment, services, or system that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Covered telecommunications equipment or services means 1) telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities); 2) for the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities); 3) telecommunications or video surveillance services provided by such entities or using such equipment; or 4) telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country. Respondent must comply with requirements for certifications. The provision at 48 C.F.R Section 52.204-26 requires that offerors review SAM prior to completing their required representations. This rule applies to all acquisitions, including acquisitions at or below the simplified acquisition threshold and to acquisitions of commercial items, including commercially available off the-shelf items.

ARTICLE 35: DOMESTIC PREFERENCE

In accordance with 2 CFR 200.322, as appropriate and to the extent consistent with law, when using federal grant award funds H-GAC should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). H-GAC must include this requirement in all subawards including all contracts and purchase orders for work or products under the federal grant award. If Contractor intends to qualify for Purchase Orders using federal grant money, then it shall work with H-GAC to provide all required certifications and other documentation needed to show compliance.

ARTICLE 36: CRIMINAL PROVISIONS AND SANCTIONS

The Contractor agrees to perform the Master Agreement in conformance with safeguards against fraud and abuse as set forth by the H-GAC, the State of Texas, and the acts and regulations of any related state or federal agency. The Contractor agrees to promptly notify H-GAC of any actual or suspected fraud, abuse, or other criminal activity through the filing of a written report within twenty-four (24) hours of knowledge thereof. Contractor shall notify H-GAC of any serious accident or incident requiring medical attention arising from its activities under this Master Agreement within twenty-four (24) hours of such occurrence. Theft or willful damage to property on loan to the Contractor from H-GAC, if any, shall be reported to local law enforcement agencies and H-GAC within two (2) hours of discovery of any such act.

The Contractor further agrees to cooperate fully with H-GAC, local law enforcement agencies, the State of Texas, the Federal Bureau of Investigation, and any other duly authorized investigative unit, in carrying out a full investigation of all such incidents.

The Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against the Contractor pertaining to this Master Agreement or which would adversely affect the Contractor's ability to perform services under this Master Agreement.

ARTICLE 37: INDEMNIFICATION AND RECOVERY

H-GAC's liability under this Master Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will H-GAC be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits, or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless H-GAC, its board members, officers, agents, officials, employees, and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgements, and liens arising as a result of Contractor's negligent act or omission under this Master Agreement. Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against Contractor relating to this Master Agreement.

ARTICLE 38: LIMITATION OF CONTRACTOR'S LIABILITY

Except as specified in any separate writing between the Contractor and an END USER, Contractor's total liability under this Master Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify H-GAC, is limited to the price of the particular products/services sold hereunder, and Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will Contractor be liable for any loss of use, loss of time, inconvenience, commercial loss, loss of profits or savings or other incidental, special, or consequential damages to the full extent such use may be disclaimed by law. Contractor understands and agrees that it shall be liable to repay and shall repay upon demand to END USER any amounts determined by H-GAC, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Master Agreement.

ARTICLE 39: TITLES NOT RESTRICTIVE

The titles assigned to the various Articles of this Master Agreement are for convenience only. Titles shall not be considered restrictive of the subject matter of any Article, or part of this Master Agreement.

ARTICLE 40: JOINT WORK PRODUCT

This Master Agreement is the joint work product of H-GAC and the Contractor. This Master Agreement has been negotiated by H-GAC and the Contractor and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against any party.

ARTICLE 41: PROCUREMENT OF RECOVERED MATERIAL

H-GAC and the Respondent must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include: (1) procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; (2) procuring solid waste management services in a manner that maximizes energy and resource recovery; and (3) establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines. Pursuant to the Federal Rule above, as required by the Resource Conservation and Recovery Act of 1976 (42 U.S.C. § 6962(c)(3)(A)(i)), Respondent certifies that the percentage of recovered materials content for EPA-designated items to be delivered or used in the performance of the Contract will be at least the amount required by the applicable contract specifications or other contractual requirements.

ARTICLE 42: COPELAND “ANTI-KICKBACK” ACT

Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into the contract. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as appropriate agency instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses. A breach of the contract clauses above may be grounds for termination of the Contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

ARTICLE 43: DISCRIMINATION

Respondent and any potential subcontractors shall comply with all Federal statutes relating to nondiscrimination. These include, but are not limited to:

- a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352), which prohibits discrimination on the basis of race, color, or national origin;
- b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex;
- c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps;
- d) The Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101- 6107), which prohibits discrimination on the basis of age;
- e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;
- f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
- g) Sections 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;
- h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental, or financing of housing;
- i) Any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and
- j) The requirements of any other nondiscrimination statute(s) that may apply to the application.

ARTICLE 44: DRUG FREE WORKPLACE

Contractor must provide a drug-free workplace in accordance with the Drug-Free Workplace Act, as applicable. For the purposes of this Section, “drug-free” means a worksite at which employees are prohibited from engaging in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance. H-GAC may request a copy of this policy.

ARTICLE 45: APPLICABILITY TO SUBCONTRACTORS

Respondent agrees that all contracts it awards pursuant to the contract awarded as a result of this Master Agreement will be bound by the foregoing terms and conditions.

ARTICLE 46: WARRANTY AND COPYRIGHT

Submissions must include all warranty information, including items covered, items excluded, duration, and renewability. Submissions must include proof of licensing if using third party code for programming.

ARTICLE 47: DATA HANDLING AND SECURITY

Unless otherwise agreed upon between Contractor and the End User, it will always be the responsibility of the selected Contractor to manage data transfer and to secure all data appropriately during the project to prevent

unauthorized access to all data, products, and deliverables.

ARTICLE 48: DISPUTES

All disputes concerning questions of fact or of law arising under this Master Agreement, which are not addressed within the Whole Master Agreement as defined pursuant to Article 4 hereof, shall be decided by the Executive Director of H-GAC or his designee, who shall reduce his decision to writing and provide notice thereof to the Contractor. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, the Contractor requests a rehearing from the Executive Director of H-GAC. In connection with any rehearing under this Article, the Contractor shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. The Contractor may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Master Agreement and in accordance with H-GAC's final decision.

ARTICLE 49: CHOICE OF LAW: VENUE

This Master Agreement shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with the Master Agreement shall lie exclusively in Harris County, Texas. Disputes between END USER and Contractor are to be resolved in accordance with the law and venue rules of the state of purchase. Contractor shall immediately notify H-GAC of such disputes.

ARTICLE 50: ORDER OF PRIORITY

In the case of any conflict between or within this Master Agreement, the following order of priority shall be utilized: 1) General Provisions, 2) Special Provisions, 3) Scope of Work, and 4) Other Attachments.

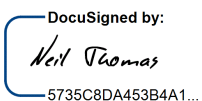
ARTICLE 51: WHOLE MASTER AGREEMENT

Please note, this is an H-GAC Master Agreement template and is used for all products and services offered in H-GAC Cooperative Purchasing. Any redlines to this Master Agreement may not be reviewed. If this Master Agreement has not been signed by the Contractor within 30 calendar days, this Master Agreement will be automatically voided. The Master General Provisions, Master Special Provisions, and Attachments, as provided herein, constitute the complete Master Agreement between the parties hereto, and supersede any and all oral and written Master Agreements between the parties relating to matters herein. Except as otherwise provided herein, this Master Agreement cannot be modified without written consent of the parties.

SIGNATURES:

H-GAC and the Contractor have read, agreed, and executed the whole Master Agreement as of the date first written above, as accepted by:

Motorola Solutions, Inc.

Signature  5735C8DA453B4A1...

Name Neil Thomas

Title Vice President, Western Region

Date 9/28/2021

H-GAC

Signature  82EC270D5D61423...

Name Chuck Wemple

Title Executive Director

Date 9/27/2021

H-GAC

Houston-Galveston Area Council

P.O. Box 22777 · 3555 Timmons · Houston, Texas 77227-2777

Cooperative Agreement - Contract - Motorola Solutions, Inc. - Public Services - ID: 7290

MOTOROLA SPECIAL PROVISIONS

Please note, this is an H-GAC Master Agreement template and is used for all products and services offered in H-GAC Cooperative Purchasing. Any redlines to this Master Agreement may not be reviewed. Incorporated by attachment, as part of the whole Master Agreement, H-GAC and the Contractor do, hereby agree to the Master Special Provisions as follows:

ARTICLE 1: BIDS/PROPOSALS INCORPORATED

In addition to the whole Master Agreement, the following documents listed in order of priority are incorporated into the Master Agreement by reference: Bid/Proposal Specifications and Contractor's Response to the Bid/Proposal.

ARTICLE 2: END USER AGREEMENTS ("EUA")

H-GAC acknowledges that the END USER may choose to enter into an End User Master Agreement (EUA) with the Contractor through this Master Agreement, and that the term of the EUA may exceed the term of the current H-GAC Master Agreement. H-GAC's acknowledgement is not an endorsement or approval of the End User Master Agreement's terms and conditions. Contractor agrees not to offer, agree to or accept from the END USER, any terms or conditions that conflict with those in Contractor's Master Agreement with H-GAC. Contractor affirms that termination of its Master Agreement with H-GAC for any reason shall not result in the termination of any underlying EUA, which shall in each instance, continue pursuant to the EUA's stated terms and duration. Pursuant to the terms of this Master Agreement, termination of this Master Agreement will disallow the Contractor from entering into any new EUA with END USERS. Applicable H-GAC order processing charges will be due and payable to H-GAC on any EUAs, surviving termination of this Master Agreement between H-GAC and Contractor.

ARTICLE 3: MOST FAVORED CUSTOMER CLAUSE

Contractor shall provide its most favorable pricing and terms to H-GAC. If at any time during this Master Agreement, Contractor develops a regularly followed standard procedure of entering into Master Agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to H-GAC on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to H-GAC, Contractor shall notify H-GAC within ten (10) business days thereafter, and this Master Agreement shall be deemed to be automatically retroactively amended, to the effective date of Contractor's most favorable past Master Agreement with another entity. Contractor shall provide the same prices, warranties, benefits, or terms to H-GAC and its END USER as provided in its most favorable past Master Agreement. H-GAC shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If Contractor claims that a more favorable price, warranty, benefit, or term that was charged or offered to another entity during the term of this Master Agreement, does not constitute more favorable treatment, than Contractor shall, within ten (10) business days, notify H-GAC in writing, setting forth the detailed reasons Contractor believes the aforesaid offer is not in fact most favored treatment. H-GAC, after due consideration of Contractor's written explanation, may decline to accept such explanation and thereupon this Master Agreement between H-GAC and Contractor shall be automatically amended, effective retroactively, to the effective date of the most favored Master Agreement, to

provide the same prices, warranties, benefits, or terms to H-GAC and the END USER. This clause shall not be applicable to prices and price adjustments offered by a bidder, proposer, or contractor, which are not within bidder's/proposer's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies

***EXCEPTION:** This clause shall not be applicable to the sale of large communications systems (one million dollars (\$1,000,000.00) and above). The term "Communication Systems" shall refer to a project that includes the sale of infrastructure hardware and/or software, user devices, and Contractor engineering and installation service. The contract for a "Communication System" will always have a Statement of Work and an Acceptance Test Plan. This clause shall also not be applicable to pre-existing contracts Contractor has in the State of Texas. The term "pre-existing" shall refer to contracts in existence as of the effective date of this Agreement.*

ARTICLE 4: PARTY LIABILITY

Contractor's total liability under this Master Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to the price of the particular products/services sold hereunder. Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. Contractor accepts liability to repay, and shall repay upon demand to END USER, any amounts determined by H-GAC, its independent auditors, or any state or federal agency, to have been paid in violation of the terms of this Master Agreement.

ARTICLE 5: GOVERNING LAW & VENUE

Contractor and H-GAC agree that Contractor will make every reasonable effort to resolve disputes with the END USER in accord with the law and venue rules of the state of purchase. Contractor shall immediately notify H-GAC of such disputes.

ARTICLE 6: SALES AND ORDER PROCESSING CHARGE

Contractor shall sell its products to END USERS based on the pricing and terms of this Master Agreement. H-GAC will invoice Contractor for the applicable order processing charge, which is listed and detailed in the attached "Addendum A" to this contract, when H-GAC receives notification of an END USER order. Contractor shall remit to H-GAC the full amount of the applicable order processing charge, after delivery of any product or service and subsequent END USER acceptance. Payment of the Order Processing Charge shall be remitted from Contractor to H-GAC, within thirty (30) calendar days or ten (10) business days after receipt of an END USER's payment, whichever comes first, notwithstanding Contractor's receipt of invoice. For sales made by Contractor based on this Master Agreement, including sales to entities without Interlocal Master Agreements, Contractor shall pay the applicable order processing charges to H-GAC. Further, Contractor agrees to encourage entities who are not members of H-GAC's Cooperative Purchasing Program to execute an H-GAC Interlocal Master Agreement. H-GAC reserves the right to take appropriate actions including, but not limited to, Master Agreement termination if Contractor fails to promptly remit the appropriate order processing charge to H-GAC. In no event shall H-GAC have any liability to Contractor for any goods or services an END USER procures from Contractor. At all times, Contractor shall remain liable to pay to H-GAC any order processing charges on any portion of the Master Agreement actually performed, and for which compensation was received by Contractor.

ARTICLE 7: LIQUIDATED DAMAGES

Any liquidated damage terms will be determined between Contractor and END USER at the time an END USER purchase order is placed.

ARTICLE 8: INSURANCE

Unless otherwise stipulated in Section B of the Bid/Proposal Specifications, Contractor must have the following insurance and coverage:

- a. General liability insurance with a Single Occurrence limit of \$1,000,000.00, and a General Aggregate limit of two times the Single Occurrence limit, including:
 - i. Product liability insurance with a Single Occurrence limit of \$1,000,000.00, and a General Aggregate limit of two times the Single Occurrence limit for all Products except Automotive Fire Apparatus. For Automotive Fire Apparatus, see Section B of the Bid/Proposal Specifications.
- b. Property Damage or Destruction insurance is required for coverage of End User owned equipment while in Contractor's possession, custody, or control. The Single Occurrence limit is \$500,000.00 and the General Aggregate limit must be two times the Single Occurrence limit. This insurance may be carried in several ways, e.g. under an Inland Marine policy, as art of Automobile coverage, or under a Garage Keepers policy. In any event, this coverage must be specifically and clearly listed on insurance certificate(s) submitted to H-GAC.
- c. Insurance coverage shall be in effect for the length of any contract made pursuant to the Bid/Proposal, and for any extensions thereof, plus the number of days/months required to deliver any outstanding order after the close of the contract period.
- d. PDF Insurance Certificates must be furnished to H-GAC after contract execution and at policy renewal during term of contract, showing Contractor as the insured and showing coverage and limits for the insurances listed above.
- e. If any Product(s) or Service(s) will be provided by parties other than Contractor, all such parties are required to carry the insurance coverages specified herein, and if requested by H-GAC, a separate insurance certificate must be submitted for each such party.
- f. H-GAC reserves the right to contact insurance underwriters to confirm policy and certificate issuance and document accuracy.

ARTICLE 9: PERFORMANCE AND PAYMENT BONDS FOR INDIVIDUAL ORDERS

H-GAC's contractual requirements DO NOT include a Performance & Payment Bond (PPB); therefore, Contractor shall offer pricing that reflects this cost savings. Contractor shall remain prepared to offer a PPB to cover any order if so requested by the END USER. Contractor shall quote a price to END USER for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of END USER's purchase order.

ARTICLE 10: ORDER PROCESSING CHARGE

H-GAC will apply an Order Processing Charge, listed in Addendum A to this contract, for each sale done through the H-GAC contract, with the exception of orders for motor vehicles. Any pricing submitted must include this charge amount per the most current H-GAC schedule. For motor vehicle orders, the Processing Charge is paid by the Customer.

ARTICLE 11: CHANGE OF STATUS

Contractor shall immediately notify H-GAC, in writing, of ANY change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name. Contractor shall offer written

guidance to advise H-GAC if this Master Agreement shall be affected in any way by such change. H-GAC shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Master Agreement.

ARTICLE 12: REQUIREMENTS TO APPLICABLE PHYSICAL GOODS

In the case of physical goods (e.g. equipment, material, supplies, as opposed to services), all Products offered must comply with any applicable provisions of the Texas Business and Commerce Code, Title 1, Chapter 2 and with at least the following:

- a. Be new, unused, and not refurbished.
- b. Not be a prototype as the general design, operation and performance. This requirement is NOT meant to preclude the Contractor from offering new models or configurations which incorporate improvements in a current design or add functionality, but in which new model or configuration may be new to the marketplace.
- c. Include all accessories which may or may not be specifically mentioned in the Master Agreement, but which are normally furnished or necessary to make the Product ready for its intended use upon delivery. Such accessories shall be assembled, installed and adjusted to allow continuous operation of Product at time of delivery.
- d. Have assemblies, sub-assemblies and component parts that are standard and interchangeable throughout the entire quantity of a Product as may be purchased simultaneously by any Customer.
- e. Be designed and constructed using current industry accepted engineering and safety practices, and materials.
- f. Be available for inspection at any time prior to or after procurement.

ARTICLE 13: TEXAS MOTOR VEHICLE BOARD LICENSING

All Contractors that deal in motor vehicles shall maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Master Agreement term, any required Contractor license is denied, revoked, or not renewed, Contractor shall be in default of this Master Agreement, unless the Texas Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to H-GAC upon request.

ARTICLE 14: INSPECTION/TESTING

All Products sold pursuant to this Master Agreement will be subject to inspection/testing by or at the direction of H-GAC and/or the ordering Customer, either at the delivery destination or the place of manufacture. In the event a Product fails to meet or exceed all requirements of this Master Agreement, and unless otherwise agreed in advance, the cost of any inspection and/or testing, will be the responsibility of the Contractor.

ARTICLE 15: ADDITIONAL REPORTING REQUIREMENTS

Contractor agrees to submit written quarterly reports to H-GAC detailing all transactions during the previous three (3) month period. Reports must include, but are not limited, to the following information:

- a. Customer Name
- b. Product/Service purchased, including Product Code if applicable
- c. Customer Purchase Order Number
- d. Purchase Order Date
- e. Product/Service dollar amount

f. HGACBuy Order Processing Charge amount

ARTICLE 16: BACKGROUND CHECKS

Cooperative customers may request background checks on any awarded contractor’s employees who will have direct contact with students, or for any other reason they so choose, any may require contractor to pay the cost of obtaining any background information requested by the Customer.

ARTICLE 17: PROHIBITION ON CONTRACTS WITH COMPANIES BOYCOTTING ISRAEL CERTIFICATION

As required by Chapter 2271 of the Texas Local Government Code the Contractor must verify that it 1) does not boycott Israel; and 2) will not boycott Israel during the term of the Contract. Pursuant to Section 2271.001, Texas Government Code:

1. “Boycott Israel” means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and

2. “Company” means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

ARTICLE 18: NO EXCLUDED NATION OR TERRORIST ORGANIZATION CERTIFICATION

As required by Chapter 2252 of the Texas Government Code the Contractor must certify that it is not a company engaged in active business operations with Sudan, Iran, or a foreign terrorist organization – specifically, any company identified on a list prepared and maintained by the Texas Comptroller under Texas Government Code §§806.051, 807.051, or 2252.153. (A company that the U.S. Government affirmatively declares to be excluded from its federal sanctions regime relating to Sudan, Iran, or any federal sanctions regime relating to a foreign terrorist organization is not subject to the contract prohibition.)

ARTICLE 19: BUY AMERICA ACT (National School Lunch Program and Breakfast Program)

With respect to products purchased by Customers for use in the National School Lunch Program and/or National School Breakfast Program, Contractor shall comply with all federal procurement laws and regulations with respect to such programs, including the Buy American provisions set forth in 7 C.F.R. Part 210.21(d), to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs.

In the event Contractor or Contractor’s supplier(s) are unable or unwilling to certify compliance with the Buy American Provision, or the applicability of an exception to the Buy American provision, H-GAC Customers may decide not to purchase from Contractor. Additionally, H-GAC Customers may require country of origin on all products and invoices submitted for payment by Contractor, and Contractor agrees to comply with any such requirement.

ARTICLE 20: BUY AMERICA REQUIREMENT (Applies only to Federally Funded Highway and Transit Projects)

With respect to products purchased by Customer for use in federally funded highway projects, Contractor shall comply with all federal procurement laws and regulations with respect to such projects, including the Buy American provisions set forth in 23 U.S.C. Section 313, 23 C.F.R. Section 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code Section 223.045, to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs. With respect to products purchased by Customer for use in federally funded transit projects, Contractor shall comply with all federal procurement laws and regulations with respect to such projects, including the Buy American provisions set forth in 49 U.S.C. Section 5323(j)(1), 49 C.F.R. Sections 661.6 or 661.12, to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs. Contractor agrees that the provisions in this Article may be applicable in an End User Agreement.

ARTICLE 21: TITLE VI REQUIREMENTS

H-GAC in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any disadvantaged business enterprises will be afforded full and fair opportunity to submit in response to this Master Agreement and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

ARTICLE 22: EQUAL EMPLOYMENT OPPORTUNITY

Except as otherwise provided under 41 CFR Part 60, all Contracts and Customer Purchase Orders that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 shall be deemed to include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., pg.339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41CFR Part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

The equal opportunity clause provided under 41 CFR 60-1.4(b) is hereby incorporated by reference. Contractor agrees that such provision applies to any contract that meets the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 and agrees that it will comply with such provision.

ARTICLE 23: CLEAN AIR AND WATER POLLUTION CONTROL ACT

Customer Purchase Orders using federal funds must contain a provision that requires the Contractor to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Pursuant to the Federal Rule above, Contractor certifies that it is in compliance with all applicable provisions of the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387) and will remain in compliance during the term of the Contract.

ARTICLE 24: PREVAILING WAGE

Contractor and any potential subcontractors have a duty to and shall pay the prevailing wage rate under the Davis-Bacon Act, 40 U.S.C. 276a – 276a-5, as amended, and the regulations adopted thereunder contained in 29 C.F.R. pt. 1 and 5.

ARTICLE 25: CONTRACT WORK HOURS AND SAFETY STANDARDS

As per the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708), where applicable, all Customer Purchase Orders in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

ARTICLE 26: PROFIT AS A SEPARATE ELEMENT OF PRICE

For purchases using federal funds in excess of \$150,000, a Customer may be required to negotiate profit as a separate element of the price. See, 2 CFR 200.323(b). Contractor agrees to provide information and negotiate with the Customer regarding profit as a separate element of the price for the purchase. Contractor also agrees that the total price, including profit, charged by Contractor to Customer will not exceed the awarded pricing, including any applicable discount, under any awarded contract. Contractor agrees that the provisions in this Article may be applicable in an End User Agreement.

ARTICLE 27: BYRD ANTI-LOBBYING AMENDMENT

Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) – Contractors that apply or bid for an award exceeding \$100,000 must file the required anti-lobbying certification. Each tier must certify to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier, up to the Customer. As applicable, Contractor agrees to file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 USC 1352). Contractor certifies that it is currently in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) and will continue to be in compliance throughout the term of the Contract and further certifies that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal Grant, the making of a Federal Loan, the entering into a cooperative Master Agreement, and the extension,

continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative Master Agreement.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing, or attempting to influence, an officer or employee of a Member of Congress in connection with a Federal contract, grant, loan, or cooperative Master Agreement, Contractor shall complete and submit Standard Form – LLL, “Disclosure Form to Report Lobbying”, in accordance with its instructions.
3. Contractor shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative Master Agreements) and that all subcontractors shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certificate is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

ARTICLE 28: COMPLIANCE WITH EPA REGULATIONS APPLICABLE TO GRANTS, SUBGRANTS, COOPERATIVE MASTER AGREEMENTS, AND CONTRACTS

Contractor agrees to comply with all applicable standards, orders, regulations, and/or requirements issued pursuant to the Clean Air Act of 1970, as amended (42 U.S.C. 1857(h)), Section 508 of the Clean Water Act, as amended (13 U.S.C. 1368), Executive Order 117389 and Environmental Protection Agency Regulation, 40 CFR Part 15.

ARTICLE 29: COMPLIANCE WITH ENERGY POLICY AND CONSERVATION ACT

Contractor agrees to comply with applicable mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

Addendum A- Applicable Order Processing Charge

Excerpt from page 6 of RFP #RA05-21:

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5. Dealer/Reseller as Respondent

If the Respondent is a dealer or reseller of the products and/or services being proposed, the response will be evaluated based on the Respondent's authorization to provide those products and services from their manufacturer.

6. Approval by Manufacturer

Any awarded contractor must be approved by the manufacturer to sell, install, and service the brand of equipment submitted. Respondents to this solicitation must submit an approval letter from each manufacturer; authorization letters must include the regions in which equipment may be sold or serviced.

7. Administrative Fee

For each purchase order processed under an awarded contract, H GAC will directly invoice contractor a 1.5% Order Processing Charge applicable to the price of all equipment/services submitted in contractor's response. The Fee is calculated from awarded bid pricing before additional discounts (if any) have been applied. It is the contractor's responsibility to remit the administrative fee within thirty (30) days of processing any Customer purchase order, even if an invoice is not received from H-GAC.

Contractor agrees that H-GAC will have the right, with reasonable notice, to inspect its records pertaining to purchase orders processed and the accuracy of the fees payable to H-GAC.

8. Contractor Status

Contractor is required to provide a status form, which is not part of any evaluation, but may be relevant to other state or local procurement requirements that apply to HGACBuy Customers. The following information will need to be captured:

- a) Contractor's status as a minority/woman-owned business enterprise, historically underutilized business, or service-disabled veteran;
- b) Whether Contractor or its ultimate parent or majority owner has its principal place of business in Texas or employs at least 500 persons in Texas; and
- c) Whether Respondent is a Texas resident or a non-resident business.



HOUSTON-GALVESTON AREA COUNCIL COOPERATIVE PURCHASING PROGRAM

FORM-H -- MARKETING & SERVICE PLAN

Respondent: Motorola Solutions, Inc.

H-GAC expects proposer to have the capability and willingness to serve any H-GAC Customers across the nation, and to promote any contract to the best of its ability. Respondent must submit a completed marketing and service plan form and include a detailed written narrative explaining in detail activities that will be undertaken to actively market and promote the awarded contract to H-GAC Customers and provide information on applicable items listed below:

1. Describe types of media to be used, frequency and method of outreach campaigns (social media, ads, sales tools, newsletters, etc.)
2. A description of the dedicated staff resources anticipated in serving and in promoting any contract.
3. Anticipated marketing strategies to increase sales in awarded service areas or categories
4. Anticipated employee representative trainings and frequency
5. Dedicated webpages or other online presence
6. Use of dealer or distributor networks
7. Use of existing company marketing teams and coordination with H-GAC's marketing team
8. Metrics employed to measure outreach and marketing success and measurement of sales

Motorola has marketed to local government customers the use of the H-GAC contract nationally to its direct representatives in addition to our partner network both in traditional land mobile radio and our video solutions group. Your local point of contact, George Ebelt provides nationwide training for both direct representatives and Manufacture Resellers each year, and as requested across the country. As reported of the last fourteen years, we have made significant progress in many States with both quotes and successful sales totaling well over the \$10M mark outside of the State of Texas. This compliments the \$60M plus in sales that Motorola has made over the last 3-5 years utilizing the H-GAC contract as its and users preferred method of sale. We are committed to training nationally on the parameters of the H-GAC contract and continue to educate both internal Motorola resources and H-GAC end users.

1. Describe types of media to be used, frequency and method of outreach campaigns (social media, ads, sales tools, newsletters, etc.)

Motorola's vast marketing efforts to promote the H-GAC buying experience along with our technologies, consists of a presence via Twitter, Facebook, and many internal Chat pages (i.e. "Bat Chat"). Additionally, we will enhance our efforts with ads where we deem most effective to promote the use of the H-GAC contract as a partner process in procuring our technologies.

2. A description of the dedicated staff resources anticipated in serving and in promoting any contract.

Motorola marketing and sales team is unmatched nationally in regards to using the H-GAC contract. Our marketing team stretches across every division nationwide along with additional support personnel in Chicago, IL at our corporate headquarters. Our national sales force consisting of more than 300 people are complimented with both an internal inside sales team and a large network of Manufacturer Resellers (MR's) doubling the number of in-person representation offering the H-GAC procurement vehicle as an option and in many cases the lead procurement vehicle for technical solutions.

3. Anticipated marketing strategies to increase sales in awarded service areas or categories

As we have for over 20+ years as a H-GAC partner, Motorola will use the H-GAC procurement vehicle (contract) for each category. We are hopeful to gain approval in all four categories as we did as the only four category partner in

contract PA05-18. Our strategic approach includes signage at national conference (as they began opening) along with

Marketing Service Plan H-GACBuy
V9.17.20

continued education on our virtual events. Our approach has always been to lead with the H-GAC contract in Texas and as the H-GAC presence grew nationally, we have many states doing the same.

4. Anticipated employee representative trainings and frequency

Our training for use of the H-GAC contract is an on-going dynamic plan. We have one local person in Texas who has

Attachment A						
Motorola Solutions Inc.						
Radio Communications/Emergency Response Equipment						
Contract No.: RA05-21						
Line Item Reference Number	Product Code	Product Summary (detailing the items, equipment and/or services being offered for the specific product code)	Manufacturer	Vendor	Item Description	Bid Price
1	PA	Mobile and Portable radios and accessories Base Stations and accessories Radio Trunked Systems Dispatch Consoles Mobile Data Systems Mobile Data Subscribers Mobile Computing Devices Broadband Wireless Mesh Infrastructure and Subscribers Video and Biometrics Radio Infrastructure (Towers, Shelters, UPSs and Generators) Broadband and LTE Equipment/Services Next Gen 911 Equipment/Services Intelligent Led Policing Real Time Crime Center/ Video Solutions CAD and Records Management Biometrics Applications	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	<i>Per the RFP Motorola has included an Electronics Catalogue (PCAT file of .pdf's) file in lieu of listing each individual product and its options. In addition, a discount APC sheet is attached in the pricing section and used to calculate all individual prices within the PCAT file.</i>	APC Summary Provided Below.
					<i>Motorola also offers an extensive on-line program called My View Portal that allows each H-GAC end user to check specific contract pricing, place orders, and check shipping estimates in addition to invoice history. The on-line tool is the most advanced of its kind in the Communications Industry.</i>	
2	PB	Integrated Command Control Equipment System Integration Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	<i>Per the RFP Motorola has included an Electronics Catalogue (PCAT file of .pdf's) file in lieu of listing each individual product and its options. In addition, a discount APC sheet is attached in the pricing section and used to calculate all individual prices within the PCAT file.</i>	APC Summary Provided Below.
					<i>Motorola also offers an extensive on-line program called My View Portal that allows each H-GAC end user to check specific contract pricing, place orders, and check shipping estimates in addition to invoice history. The on-line tool is the most advanced of its kind in the Communications Industry.</i>	

3	PC	Emergency Trailers System Integration Services Command Vehicles Integrated Emergency Operations Center Incident Command Systems	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	<i>Per the RFP Motorola has included an Electronics Catalogue (PCAT file of .pdf's) file in lieu of listing each individual product and its options. In addition, a discount APC sheet is attached in the pricing section and used to calculate all individual prices within the PCAT file</i>	APC Summary Provided Below.
					<i>Motorola also offers an extensive on-line program called My View Portal that allows each H-GAC end user to check specific contract pricing, place orders, and check shipping estimates in addition to invoice history. The on-line tool is the most advanced of its kind in the Communications Industry.</i>	
4	PD	Project Management System Technologist Training Advanced Services Video and Network Management Testing Civil Work (Soil grading, fencing, grub work, etc...) Tower Services (concrete/foundation work, documentation, civil work, etc...) Network Services for all category technologies Cloud Services and Associated Integration	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	<i>Motorola offers wide range of services including Integration, Installation and Training. The cost of these services is regional in nature. Samples below are listed for reference only.</i>	APC Summary Provided Below.
MOTOROLA INTEGRATION SERVICES - LMR						
Motorola offers wide range of services including Integration, Installation and Training. The cost of these services is regional in nature. Samples below are listed for reference only.						
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Project Management Daily Rate*	\$2,072
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	System Technologist Daily Rate*	\$2,072
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Standard Shop Installation: Hourly Rate*	\$150
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Standard Shop Installation: Daily Rate*	\$1,200
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Mobile Radio Installation*	\$180-\$600
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Radio Programming*	\$55-\$125
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Data Installation*	\$180-\$600
					*Prices may vary by Region and Stated Scope. Travel Not Included.	
MOTOROLA INTEGRATION SERVICES - ADVANCED SERVICES						
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	NG9-1-1 Consulting Services-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Security Project/Program Management-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Wireless Security Technician-Daily Rate*	\$1,900

			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Security Penetration Tester (Wired Network)-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Security Trainer-Daily Rate*	\$1,650
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Application Security Code Reviewer-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	IT Incident Response and E-Discovery Assistance-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	IT Disaster Recovery Planner-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	IT Disaster Recovery Plan Tester-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Business Continuity/Continuity of Government Planner-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Business Continuity/Continuity of Government Plan Tester-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Mobile Application Services Project Management-Daily Rate*	\$750
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Mobile Application Services Solution Achitech-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Mobile Application Services Application and Solution Design-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Mobile Application Services Application and Solution Implementation-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Application Integration and Customization Services Project Management-Daily Rate*	\$1,694
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Application Integration and Customization Services Solution Achitech-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Application Integration and Customization Services Application and Solution Design-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Application Integration and Customization Services Application and Solution Implementation-Daily Rate*	\$1,694
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Unified Communications Services Project Management-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Unified Communications Services Application and Solution Design-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Unified Communications Services Application and Solution Implementation-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Consulting Services Project Management-Daily Rate*	\$1,900
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Consulting Services Internet Protocol Network Assessment-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Consulting Services IP Network Design and Integration-Daily Rate*	\$2,033
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Consulting Services IP Wide Area Network Backhaul Design and Integration-Daily Rate*	\$2,100
			Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Consulting Services Customer Network Interface Design and Integration-Daily Rate*	\$2,100
APC SUMMARY						
	6	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Dispatch Support	
	42	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO SUA Upgrade Operations Support	
	43	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO SUA Field Service Support	

	127	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Shop Services	
	135	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Drop Ship Freight	
	185	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Subscriber Services	
	208	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Project Management Services	
	231	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Partner Maintenance Support	
	290	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Warranty Services	
	298	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Essential Support	
	306	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Site Development Services	
	348	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Premier Support	
	373	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Advanced Support	
	390	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Manager Support	
	427	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	3rd Party Services	
	431	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Device Management Support - Essential	
	519	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Security Monitoring Support	
	560	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Update Service Remote Patching Support	
	561	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Network Monitoring Support	
	670	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Asset Management Service	
	700	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Device Management Support - Advanced	
	701	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola Device Management Support - Premier	
	724	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Motorola APX Next Management Support - Advanced	
	769	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Preventative Maintenance Support	
	772	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Technical Support	
	814	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Cyber Security Assessment Support	
	823	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO SUA Hardware & Software Support	
	847	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Lunarline Cyber Security Services	
	848	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Lunarline Cyber Security Monitoring	
	859	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Delta Risk Cyber Security Services	
	882	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO On-Site Support	
	929	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO Infrastructure Repair Support	

	943	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO SUA Training Service Support	
	948	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	3rd Party Maintenance Support	
	969	System Integration & Support Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	ASTRO System Update Service Local Patching Support	
	901	Lifecycle Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Migration Assurance Program	
	902	Lifecycle Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SMA	
	903	Lifecycle Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SUA, SUA II	
	904	Lifecycle Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SUS	
	905	Lifecycle Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SA	
	390	Professional Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Performance Management Reports	
	659	Professional Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	NG-911	
	659	Professional Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Security, IP Networking	
	670	Professional Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SI	
	842	Professional Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	311 Software	
	561	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Network Monitoring	
	769	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Network Preventive Maintenance & Onsite Infrastructure Response	
	769	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	SUAII	
	772	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Technical Support	
	929	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Services	
	206	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Subscriber Repair	
	293	Service/Maintenance	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Services/Training	
	17	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	PremierOne CAD Delivery Services	
	30	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Flex CAD Delivery Services	
	79	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Situational Awareness Delivery Services	
	86	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Emergency Notification Delivery Services	
	90	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	PremierOne Records Delivery Services	
	97	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Flex Records Delivery Services	
	99	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Flex Jail Delivery Services	
	141	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Digital Evidence Delivery Services	
	168	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Kodiak Delivery Services	

	327	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	CAD Mobile Delivery Services	
	331	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	CAD Suite Deployment	
	473	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Spillman Delivery Services	
	586	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	CallWorks Delivery Services	
	639	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Critical Connect Delivery Services	
	634	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Situational Awareness 3rd Party HW and SW or just HW	
	572	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Situational Awareness 3rd Party HW and SW or just HW	
	141	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Interface SA	
	144	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola Solutions, Inc. and Partners	Professional Services, Training Analytics Plus Only	

FORM D - OFFERED ITEMS PRICING (CATALOG/PRICE BOOK)

INSTRUCTIONS: Complete one line for each product code. Add lines as needed. Use TAB A to enter Line Items Offered. Use TAB B for Price Books Offered.

Solicitation# RA05-21

Respondent Name: Motorola Solutions, Inc.

Product Code	Product Summary (detailing the items, equipment and/or services being offered for the specific product code)	Manufacturer	Catalog Name/Number	Catalog Expiration Date	Vendor	Catalog Description	Fixed Percentage Discount (Off List Price)	Unit of Measure	Restrictions	Keywords	Catalog Link
PA	Mobile and Portable radios Base stations Trunking Systems Dispatch Consoles Mobile Data Systems Mobile Data Subscribers Mobile Computing Devices Broadband Wireless Mesh Infrastructure and Subscribers Video and Biometrics Radio Infrastructure (Towers, Shelters, UPSs and Generators) LTE Equipment/Services Next Gen 911 Equipment/Services Intelligent Led Policing Real Time Crime Center/ Video Solutions CAD and Records Management	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Product Catalog (PCAT)	APC Summary Provided Below.	Quantity 1 unless Technology Offered is defined by Specific Configuration	Licensing and Contract Defined		Motorola Solutions, Inc. MyViewPortal (User Defined and Password driven by each End User)
PB	Integrated Command Control Equipment System Integration Services	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Product Catalog (PCAT)	APC Summary Provided Below.	Quantity 1 unless Technology Offered is defined by Specific Configuration	Licensing and Contract Defined		Motorola Solutions, Inc. MyViewPortal (User Defined and Password driven by each End User)
PC	Emergency Trailers System Integration Services Command Vehicles	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Product Catalog (PCAT)	APC Summary Provided Below.	Quantity 1 unless Technology Offered is defined by Specific Configuration	Licensing and Contract Defined		Motorola Solutions, Inc. MyViewPortal (User Defined and Password driven by each End User)
PD	Project Management System Engineering System Technologist Training Advanced Services Video and Network Management	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Product Catalog (PCAT)	APC Summary Provided Below.	Quantity 1 unless Technology Offered is defined by Specific Configuration	Licensing and Contract Defined		Motorola Solutions, Inc. MyViewPortal (User Defined and Password driven by each End User)

APC SUMMARY

20	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PSA 3rd Party HW & SW	0%				
30	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1- RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Learning Experience Portal (LXP) - Silver One-Time On Boarding (no charge)	0%				

79	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI Service software Aware & Community	0%				
80	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Aware Equipment	10%				
118	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	E911 Emergency Systems	0%				
141	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI Services for Vault and CC Evidence	0%				
144	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI Services for Analytics Plus	0%				
149	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Inform	5%				
180	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Evidence Standard	0%				
232	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moto Locator Hardware	0%				

232	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moto Locator Software	10%				
253	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Learning Experience Portal (LXP) - Silver (Per Named User)	0%				
258	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ANALYTICS PLUS SUBSCRIPTION PER # OF SWORN - 8000+	0%				
259	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Community Standard Annual Per Agency fee	5%				
297	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Records Mgt SW	5%				
315	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CC Evidence Standard Records Management	0%				
330	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Corrections Mgt SW	5%				
333	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Premier CAD SW	10%				

353	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Notification Solutions Product	0%				
367	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD MSI SW Licenses	10%				
383	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification MSI Sw Licenses	5%				
385	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Records MSI SW Licenses	10%				
389	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Jail MSI SW Licenses	10%				
413	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CC Evidence Standard Field Response Application	0%				
416	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect MSI SW Licenses	0%				
445	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD 3rd Party HW & SW	0%				

451	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification 3rd Party HW & SW	0%				
459	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records 3rd Party HW & SW	5%				
467	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Records 3rd Party HW & SW	0%				
468	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Jail 3rd Party HW & SW	0%				
472	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman Equipment	10%				
492	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Light Server	0%				
498	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Virtual Partner SW	10%				
510	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect 3rd Party HW & SW	0%				

513	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD MSI SW Licenses	10%				
516	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records MSI SW Licenses	0%				
517	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks MSI SW Licenses	10%				
545	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak MSI SW Licenses	10%				
568	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD 3rd Party HW & SW	0%				
568	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Add-ons- Cloud Anchor Server	0%				
572	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Aware Workstation - HP Z6G4T X6136 with 5 year Carepack	0%				
578	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks 3rd Party HW & SW	0%				

580	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave Tactical 3rd Party HW & SW	0%				
583	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave OnCloud 3rd Party HW & SW	0%				
584	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak 3rd Party HW & SW	0%				
608	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Net RMS SW	10%				
634	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Situational Awareness 3rd Party Just Services	0%				
642	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave OnCloud MSI HW	0%				
660	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	UPTT ASTRO Gateway & Server	10%				
670	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Sys Integ / Program Mgt	0%				

789	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman SW	10%				
842	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Public SVC SW License	0%				
892	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	UPTT ASTRO Licenses	10%				
258 - 1 time payment	Software Hardware, Software, License & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Analytics one time set-up fee - Use Quantity 1	0%				
17	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD Delivery Services	5%				
30	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD Delivery Services	0%				
79	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Situational Awareness Delivery Services	0%				
86	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification Delivery Services	5%				

90	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records Delivery Services	5%				
97	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Records Delivery Services	0%				
99	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Jail Delivery Services	0%				
141	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Digital Evidence Delivery Services	5%				
168	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak Delivery Services	10%				
327	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD Mobile Delivery Services	0%				
331	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD Suite Deployment	0%				
473	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman Delivery Services	0%				

586	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks Delivery Services	5%				
639	Software SI Delivery Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect Delivery Services	0%				
32	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Vault	10%				
138	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Anal/Pred/Tip	10%				
173	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD Support Services	5%				
184	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Situational Awareness Support Services	10%				
194	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification Support Services	0%				
196	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Records Support Services	5%				

197	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Jail Support Services	5%				
217	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	LMS 3rd Party Services	0%				
220	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect Support Services	0%				
223	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak Support Services	0%				
227	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD Managed Services	5%				
235	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification Managed Services	0%				
236	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records Managed Services	0%				
241	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks Managed Services	10%				

252	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD SaaS	0%				
253	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD SaaS	0%				
255	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification SaaS	0%				
258	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Analytics SaaS	0%				
263	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Cloud Connect Services SaaS	0%				
267	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD 3rd Party Services	5%				
268	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD 3rd Party Services	5%				
283	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Notification 3rd Party Services	0%				

289	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records 3rd Party Services	0%				
296	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Records 3rd Party Services	5%				
311	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex Jail 3rd Party Services	5%				
314	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Emergency Call Handling SaaS	0%				
315	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records SaaS	0%				
321	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks 3rd Party Services	10%				
336	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Mobile Managed Services	0%				
337	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect 3rd Party Services	0%				

338	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak 3rd Party Services	0%				
413	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Mobile SaaS	0%				
588	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD Support Services	5%				
589	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Records Support Services	0%				
592	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks Support Services	10%				
600	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CommandCentral Connections	10%				
601	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave Tactical Support Services	0%				
605	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave Tactical Managed Services	0%				

609	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak Managed Services	0%				
612	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Situational Awareness SaaS	0%				
616	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CC Digital Evidence SaaS	0%				
625	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CallWorks SaaS	0%				
629	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wave OnCloud SaaS	0%				
630	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Kodiak SaaS	0%				
634	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Situational Awareness 3rd Party Services	10%				
702	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne CAD Maintenance	10%				

797	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flex CAD Support Services	0%				
802	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Critical Connect SaaS	0%				
850	Software Recurring Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne Mobile Support Services	0%				
85	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Scada	15%				
112	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	G-Series HW	20%				
137	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	KMF	5%				
147	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	IP Transport HW	10%				
214	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				

222	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDG SW	15%				
226	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Interoperability Solutions	15%				
261	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Service Aids / Shop Supplies	5%				
275	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MC-Edge	10%				
342	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Alarm & Control System	10%				
362	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RPG Low/Mid/High SRCD	20%				
371	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Radio Subscription SW	0%				
382	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NFM SW	10%				

405	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	K Core	15%				
424	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Master Site ASTRO HW	15%				
425	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	L Core	15%				
454	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RNSG Infra Sourced	15%				
469	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NFM HW	10%				
482	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDR 8000	5%				
499	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad - M & ALR	10%				
524	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motobridge	10%				

591	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Legacy Infra Data Paging	5%				
595	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	G-Series SW	20%				
647	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Trunked Terminal SW	5%				
677	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	D-Series HW	15%				
680	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	D-Series SW	15%				
729	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Conv Flash Software	17%				
743	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Receivers	15%				
790	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	LEX L11	10%				

811	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Cirrus HW	0%				
877	Infrastructure	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Master Site ASTRO SW	20%				
38	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	10%				
103	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM750	10%				
109	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1250	27%				
159	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	GM300	20%				
189	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Mobile Accessories	15%				
276	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				

287	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PAC-RT, VRS750	10%				
374	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Consolette	15%				
466	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 1500	27%				
471	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 4500/2500	25%				
484	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
500	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				
511	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Bali Mobile	10%				
514	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL2500	25%				

518	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL2500	25%				
571	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	DVR	15%				
585	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				
652	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
681	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
761	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
775	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL1500	17%				
776	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Maratrac	20%				

792	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1550	20%				
869	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	M1225	20%				
922	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CM200/CM300	20%				
1	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1550	20%				
4	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	EX500/EX600	20%				
8	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
18	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	0%				
19	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PC/CM Radios	0%				

27	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	0%				
32	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
37	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
87	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Si500	10%				
128	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CP185	20%				
158	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CP110	20%				
185	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Software	0%				
205	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				

206	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Si500	20%				
209	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Si500	20%				
320	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS5000	25%				
332	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport Software	20%				
362	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Parts	20%				
407	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				
407	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				
426	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 4000 / APX 2000	27%				

430	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport SW Upgrade	20%				
437	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Next Multi-band	27%				
442	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR400	20%				
446	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Andora ND	20%				
456	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RPG	20%				
470	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 7000- Soldier Mac	27%				
477	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
481	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 6000	27%				

483	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PM1500	25%				
527	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 6500	27%				
536	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Covert Portable	27%				
562	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
570	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDR3500 Portable Repeater	10%				
577	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Passport	20%				
579	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
626	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR1500	20%				

654	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS4000	0%				
655	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Portable Licenses	27%				
656	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Mobile Licenses	27%				
672	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT750	25%				
687	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS/MT 1500	18%				
712	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	0%				
721	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS5000	25%				
723	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				

724	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				
726	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL1500 u/v	25%				
727	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				
749	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	34%				
755	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	25%				
756	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX6000	25%				
778	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XPR	20%				
837	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 900 / 1001	27%				

841	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1550 XLS	34%				
883	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Talkabouts	15%				
977	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	10%				
986	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Legacy Subscribers	0%				
142	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Next Single Band	27%				
201	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	KVL II	10%				
305	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 4000XH	27%				
462	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	KL V 3000	10%				

571	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Subs Drop Ship	15%				
579	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 8000	27%				
581	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 8000XE	27%				
635	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Sierra Wireless Modems	5%				
652	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 6500Li	27%				
673	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 8000H	27%				
681	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 8500	27%				
755	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 6000Li	27%				

756	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 6000XE	27%				
761	Subscribers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Consolette	27%				
37	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	2-way Accessory	20%				
136	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Minitor Products	15%				
156	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NITRO OPBB Equipment	5%				
422	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Repeater SW Upgrades	20%				
433	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MotoTRBO High Tier Repeater	20%				
511	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Bali Display Mobile Radio	10%				

557	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Trident Controller	10%				
686	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avtec Third Party Console	0%				
707	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NITRO Managed Infra	10%				
714	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NITRO Data Service	10%				
734	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ION Portable	15%				
871	PCR	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Belize Full Key Display P	15%				
124	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Command Star & Desksets	15%				
202	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	IP Deskset	15%				

228	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Centracom Series II	0%				
229	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Console Accy	14%				
244	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC 7500e	20%				
322	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC 5500	15%				
443	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC 7500	20%				
504	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	AXS Console	15%				
735	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avtec Product	10%				
738	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avtec Scoutcare	0%				

754	Consoles	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Console Peripherals	15%				
131	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Microwave	10%				
183	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Distributed Antenna Systems	10%				
207	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Site Equipment	10%				
262	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Towers	5%				
329	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MSI Std Bldg	5%				
351	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RF Antenna & TX Line	15%				
392	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Drop Ship System Integration	0%				

415	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Test Equipment	10%				
457	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RF Conditioning & Distribution	10%				
515	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Services Led Drop Ship	10%				
547	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	EBTS Radios	10%				
708	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Computers & Monitors	15%				
856	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Alternative Building	10%				
904	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Point to Multipoint	15%				
906	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Time & Frequency Systems	15%				

907	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Point to Point & Accessories	15%				
908	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship License Point to Point	15%				
947	Drop Ship	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Cambium Backhaul	15%				
6	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Dispatch Support	0%				
42	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO SUA Upgrade Operations Support	0%				
43	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO SUA Field Service Support	0%				
127	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Shop Services	0%				
128	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Engineering Services	0%				

135	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Drop Ship Freight	0%			
185	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Subscriber Services	0%			
208	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Project Management Services	0%			
231	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Partner Maintenance Support	0%			
290	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Warranty Services	0%			
298	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Essential Support	0%			
306	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Site Development Services	0%			
348	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Premier Support	0%			

373	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Advanced Support	0%				
390	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Manager Support	0%				
427	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	3rd Party Services	0%				
431	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Device Management Support - Essential	0%				
519	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Security Monitoring Support	0%				
560	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Update Service Remote Patching Support	0%				
561	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Network Monitoring Support	0%				
670	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Asset Management Service	0%				

700	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Device Management Support - Advanced	0%			
701	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola Device Management Support - Premier	0%			
724	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motorola APX Next Management Support - Advanced	0%			
769	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Preventative Maintenance Support	0%			
772	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Technical Support	0%			
814	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Cyber Security Assessment Support	0%			
823	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO SUA Hardware & Software Support	0%			
847	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Lunarine Cyber Security Services	0%			

848	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Lunarline Cyber Security Monitoring	0%			
859	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Delta Risk Cyber Security Services	0%			
882	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO On-Site Support	0%			
929	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Infrastructure Repair Support	0%			
943	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO SUA Training Service Support	0%			
948	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	3rd Party Maintenance Support	0%			
969	System Integration & Support Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO System Update Service Local Patching Support	0%			
177	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avigilon Cameras	10%			

178	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avigilon Hardware Solutions	10%				
179	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avigilon Software Solutions	10%				
180	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avigilon Access Control	10%				
650	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PS HW	0%				
662	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas DRN HW	0%				
663	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas EDX HW	0%				
664	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PL HW	0%				
665	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PS Delivery	0%				

666	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas DRN Delivery	0%				
667	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas EDX Delivery	0%				
668	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PL Delivery	0%				
669	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PS Support	0%				
674	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas DRN Support	0%				
683	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas EDX Support	0%				
692	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PL Support	0%				
693	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PS SaaS	0%				

694	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas DRN SaaS	0%				
695	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas EDX SaaS	0%				
696	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vaas PL SaaS	0%				
851	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard In-car Video	10%				
852	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard Body-worn Video	10%				
853	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard Software Maintenance	5%				
854	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard Hardware Maintenance & Services	5%				
851aaS	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard In-car Video as a Service	0%				

852aS	Video Equipment & Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WatchGuard Body-worn Video as a Service	0%				
20	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne	0%				
39	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Radio IP	10%				
68	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Advanced Messaging	10%				
217	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD Conferences	0%				
232	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Advanced Messaging	10%				
252	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PI CAD Cloud Subscription Services	0%				
252	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PI CAD Cloud Subscription Services Interface	0%				

253	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PI CAD Learner Subscription Services	0%				
297	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Records Management	5%				
315	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Premier Cloud Records Subscription Services	0%				
317	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Premier Cloud Suite Subscription Services	0%				
330	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne	5%				
333	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PremierOne	10%				
413	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Premier Cloud Mobile Subscription Services	0%				
472	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman Equipment	10%				

473	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman Services	0%				
548	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	10%				
702	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	10%				
789	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman SW	10%				
797	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Spillman Support Services	0%				
850	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	0%				
879	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	0%				
981	CAD Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	0%				

40	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MVX	15%				
41	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Auto Licence Plate	10%				
41	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Video Cameras	10%				
138	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Command Central Software	10%				
153	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HPD	15%				
343	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Laptops	10%				
600	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Command Central Vault	15%				
670	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Intelligent Data Portal	0%				

766	Data Applications	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	IDP Services	0%				
170	Data Subscriber Devices	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Laptops	15%				
177	Data Subscriber Devices	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MC35/MC50	15%				
185	Data Subscriber Devices	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Service	0%				
736	Data Subscriber Devices	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Mobile Data Devices	22%				
855	Data Subscriber Devices	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wireless Lan Ports/AP's	10%				
6	Dispatch Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dispatch Service	5%				
768	Dispatch Service	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dispatch Service	0%				

118	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911/ECW	15%				
124	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Command Star/MC3000	15%				
129	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Gold Series Headsets	20%				
139	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911, ECW	0%				
147	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MND Products	10%				
185	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Service	0%				
200	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ECW Software	15%				
202	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Deskset	15%				

207	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	10%				
226	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ISSI	15%				
228	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Centracom	30%				
229	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Logging/ASTRO-Tac	14%				
244	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC7500e	20%				
261	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Service/Shop Supplies	5%				
322	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC5500	15%				
349	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911 Support/Training Vesta	10%				

350	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911 Support/Software Vesta	5%				
352	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911 Support/Hardware Vesta	10%				
400	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911- ECW Staging and Configuration	15%				
404	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Centracom	20%				
415	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Monitors	10%				
443	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC Console	20%				
454	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Audio Access.	15%				
500	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911-ECW Network and Misc. Hardware and Services	15%				

520	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WAVE Technology	10%				
524	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Motobridge	10%				
551	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WAVE Technology	10%				
600	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911- ECW System Services	5%				
660	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WAVE Technology	10%				
686	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Avtec Consoles	0%				
700	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MCC Access	20%				
706	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911- ECW System Services	5%				

708	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	17%				
729	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Gold Series Flashes	17%				
732	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911 Implementation Warranty	0%				
740	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MIP5000	15%				
800	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911- ECW System Services	5%				
892	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	WAVE Technology	10%				
900	Dispatch Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	911- ECW Recurring Maintenance Charges	0%				
214	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				

275	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				
342	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				
382	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				
403	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Data Controller/RNC	15%				
455	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Data Subscriber	15%				
469	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NFM Products	10%				
499	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Moscad	10%				
708	Fixed Data Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Fire Station Alerting	17%				

222	Fixed Network Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDG Software	15%				
329	Fixed Network Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Site Packages	10%				
381	Fixed Network Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Enterprise Terminals	15%				
207	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	10%				
273	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Analog Comparator	10%				
277	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Smart X	20%				
457	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Infrastructure Antennas	20%				
515	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Transmission Line	20%				

524	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO DIU	15%				
525	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Comparator	15%				
856	Fixed Station Accessories	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Alt Building	10%				
207	Fixed Station Antenna Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	10%				
5	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR860	20%				
112	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	G-Series Products	18%				
225	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Quantar/Quantro	10%				
272	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Replacement Parts	20%				

281	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Zone Manager	19%				
301	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Quantar ASTRO Trunking	20%				
360	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Quantar Receiver	22%				
377	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Trunked Central Cont.	17%				
417	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Misc. Site Equipment	10%				
424	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Master Site/ASTRO	15%				
425	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Small Systems	15%				
448	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Quantar/Quantro	20%				

474	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MTR	23%				
509	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Quantar	22%				
512	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MTR3000	23%				
537	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SZ Intellirepeater	22%				
590	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Quantar Receiver	22%				
595	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	STR3000	18%				
643	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	DIU	15%				
675	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SZ Intellirepeater	20%				

680	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Data Base Station	22%				
744	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Misc Parts	20%				
811	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Encryption	5%				
881	Fixed Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Powerline LV	15%				
15	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Special Applications	20%				
75	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MESH	0%				
224	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Point to Point	15%				
800	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MESH	0%				

832	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wireless LAN/Symbol	10%				
882	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Broadband Services	15%				
904	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Canopy	15%				
906	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Canopy Service	15%				
910	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PTP Service	15%				
947	Fixed Wireless Broadband	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Broadband Peripherals	15%				
298	Infrastructure Repair	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Services/Training	15%				
901	Lifecycle Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Migration Assurance Program	0%				

902	Lifecycle Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SMA	0%				
903	Lifecycle Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SUA, SUA II	0%				
904	Lifecycle Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SUS	0%				
905	Lifecycle Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SA	0%				
51	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Site	10%				
51	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	BTE	10%				
53	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MME, SGW, PGW	10%				
54	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HSS/PCRF	10%				

55	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Core	10%				
56	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Device Manager	10%				
57	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Vehicular Modem	10%				
58	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dongle	5%				
59	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Applications	10%				
61	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Applications	10%				
63	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PSIG	10%				
65	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDA Handheld	10%				

66	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	10%				
171	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	LTE Handheld	10%				
375	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	LTE	0%				
708	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Battery Backup	10%				
790	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	LEX Handheld	10%				
941	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Device Repair	15%				
984	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Local Technical Support	0%				
985	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CSI Material	0%				

989	LTE	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Network Airtime	0%				
823	Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SMA	0%				
983	Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CAD	0%				
133	Misc. Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Beacon	15%				
299	Misc. Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Telematics	15%				
629	Misc. Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Enterprise Terminals	10%				
682	Misc. Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Malta	20%				
887	Misc. Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Procad Maint.	19%				

38	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	10%				
103	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM750	10%				
109	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1250	27%				
159	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	GM300	20%				
276	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				
287	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PAC-RT, VRS750	10%				
374	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Consolette	15%				
426	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				

466	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 1500	25%				
471	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 4500/2500	25%				
484	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
500	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				
511	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Bali Mobile	10%				
514	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL2500	25%				
518	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL2500	25%				
527	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				

571	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	DVR	15%				
585	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL5000	25%				
652	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
655	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
656	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
681	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
761	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
775	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL1500	17%				

776	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Maratrac	20%				
792	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1550	20%				
869	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	M1225	20%				
922	Mobile Stations	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CM200/CM300	20%				
216	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Applications	20%				
422	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Infrastructure	20%				
475	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Applications	20%				
516	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Applications	0%				

557	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Controller	10%				
563	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Controller	20%				
777	MOTOTRBO	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Portables	20%				
131	Network Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Microwave Radio	10%				
147	Network Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MND Products	10%				
207	Network Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	10%				
232	Network Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Unified Network Services	10%				
708	Network Products	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Network Security	17%				

136	Pagers/Receiver	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Minitor Products	15%				
169	Pagers/Receiver	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Advisor II	20%				
452	Pagers/Receiver	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Pagers	15%				
361	Paging/Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Paging	15%				
839	Paging/Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Encoders	15%				
940	Paging/Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Minitor Parts	15%				
1	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CDM1550	20%				
4	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	EX500/EX600	20%				

8	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
18	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	0%				
19	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PC/CM Radios	0%				
27	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	0%				
32	Portable Radiophone (Accessories)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX Body Cam Si500	20%				
32	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
37	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
87	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Si500	10%				

128	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CP185	20%				
158	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	CP110	20%				
185	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Software	0%				
205	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				
206	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI500	20%				
209	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI500	20%				
320	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS5000	25%				
332	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport Software	20%				

362	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Parts	20%				
407	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				
426	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
430	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport Software	20%				
437	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
442	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR400	20%				
446	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Andora ND	20%				
456	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RPG	20%				

470	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 7000	27%				
477	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
481	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
483	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PM1500	25%				
527	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
536	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
562	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
570	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDR3500 Portable Repeater	10%				

577	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Passport	20%				
579	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
626	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR1500	20%				
654	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS4000	0%				
655	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
656	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	27%				
672	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT750	25%				
687	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS/MT 1500	18%				

712	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	0%				
721	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS5000	25%				
723	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				
724	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				
726	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL1500 u/v	25%				
727	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX SOFTWARE	0%				
749	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	34%				
755	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	25%				

756	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX6000	25%				
407	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS2500	25%				
414	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Accessories	20%				
426	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
430	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport Software	20%				
442	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR400	20%				
446	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Andora ND	20%				
456	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RPG	20%				

470	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX 7000	25%				
477	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	20%				
481	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
483	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PM1500	25%				
527	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
536	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
562	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
570	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDR3500 Portable Repeater	10%				

577	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Passport	20%				
579	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
626	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PR1500	20%				
654	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS4000	0%				
655	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
656	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
672	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT750	25%				
687	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS/MT 1500	18%				

721	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTS5000	25%				
726	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XTL1500 u/v	25%				
749	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	34%				
755	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1250	25%				
756	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX6000	25%				
778	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	XPR	20%				
837	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	APX	25%				
841	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	HT1550 XLS	34%				

883	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Talkabouts	15%				
977	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MOTOTRBO	10%				
986	Portable Radiophone (Portables)	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Legacy Subscribers	0%				
390	Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Performance Management Reports	0%				
659	Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	NG-911	0%				
659	Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Security, IP Networking	0%				
670	Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SI	0%				
842	Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	311 Software	0%				

509	Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Quantar	22%				
512	Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Receiver Options	23%				
743	Receivers	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Receiver	15%				
608	Records Management Software	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PSA	10%				
137	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Key Management	5%				
201	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	KVL II	10%				
229	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Logging/ASTRO-Tac	14%				
462	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	KVL3000	10%				

524	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO DIU	15%				
525	Secure Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	ASTRO Comparator	15%				
519	Security	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Network Security Monitoring	0%				
519	Security	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Security Update	0%				
561	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Network Monitoring	0%				
769	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Network Preventive Maintenance & Onsite Infrastructure Response	0%				
769	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	SUAI	0%				
772	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Technical Support	0%				

929	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Services	0%				
206	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Subscriber Repair	0%				
293	Service/Maintenance	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Services/Training	0%				
195	Software Upgrades/Flashport	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Infrastructure Software	0%				
371	Software Upgrades/Flashport	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Radio Subscription Soft.	0%				
430	Software Upgrades/Flashport	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Flashport Software	20%				
262	Test Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Service/Shop Supplies	20%				
854	Test Equipment	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Test Equipment/Shop	0%				

293	Training-Professional Services	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Training/Services	0%				
39	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wireless Valley Soft.	5%				
85	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Fixed Data	15%				
112	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	G-Series Products	18%				
115	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Commport	10%				
152	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Microwave and Chan Ban	5%				
277	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Smartnet Controller	20%				
280	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Zone Controller Man	19%				

281	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Zone Manager Interface	19%				
377	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Central Controller	17%				
495	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	PDG Hardware	15%				
593	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MTR2000 Trunking	23%				
708	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Dropship	17%				
877	Trunking Products and Systems	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Zone Manager Software	19%				
2	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RTVI	10%				
85	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	RTCC	10%				

177	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Cameras	10%				
178	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Hardware	10%				
179	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Software	0%				
180	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Access Control	10%				
181	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Patents	0%				
488	Video Solutions	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Fixed Video	10%				
964	Warranty	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Additional Warranty	0%				
218	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Cambium	15%				

606	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Canopy	15%				
683	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	MotoMesh	15%				
832	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Wireless LAN	10%				
907	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Unlicensed	15%				
908	Wireless Mobility	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Licensed	15%				
	Package Discounts	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Packages for System 01A7	0%				
	Package Discounts	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	Packages for System 03BA	0%				
	Package Discounts	Motorola Solutions, Inc.	Motorola PCAT Version 1-RA05-21	Catalog Updated Quarterly starting October 30, 2021 (Expires June 30, 2024)	Motorola Solutions, Inc.	packages for System 1027	0%				

AVIGILON CORPORATION

ACCESS CONTROL MANAGER (ACM) software

ACM Embedded Controller (ACM EC) software

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12.1 It is agreed by Licensee that any violation of the scope of any license provided in this Agreement, or any intellectual property right in this Agreement shall entitle Company to injunctive relief or other equitable remedies from any court of competent jurisdiction.

12.2 This Agreement and performance hereunder will be governed by the laws of the Province of British Columbia and the laws of Canada applicable therein without reference to principles of conflicts of laws and the courts in Vancouver, British Columbia and the courts of appeal therefrom will have exclusive jurisdiction to hear any proceedings relating to this Agreement.

12.3 If any provision of this Agreement is held to be unenforceable, in whole or in part, such holding will not affect the validity of the other provisions of this Agreement, unless Company in good faith deems the unenforceable provision to be essential, in which case Company may terminate this Agreement effective immediately upon notice to Licensee.

12.4 Except as specifically stated herein, this Agreement constitutes the complete and entire statement of all conditions and representations of the agreement between Company and Licensee with respect to its subject matter and supersedes all prior writings or understandings. The United Nations Convention on Contracts for the International Sale of Goods shall not apply.

12.5 The waiver or failure of Company to exercise in any respect any right provided herein will not be deemed a waiver of any further right hereunder.

12.6 If You are a business, company or organization, You agree that upon request from Company or its authorized representative You will within thirty (30) days fully document and certify that use of any and all Company software at the time of the request is in conformity with Your valid license(s) from Company.

SECTION 10

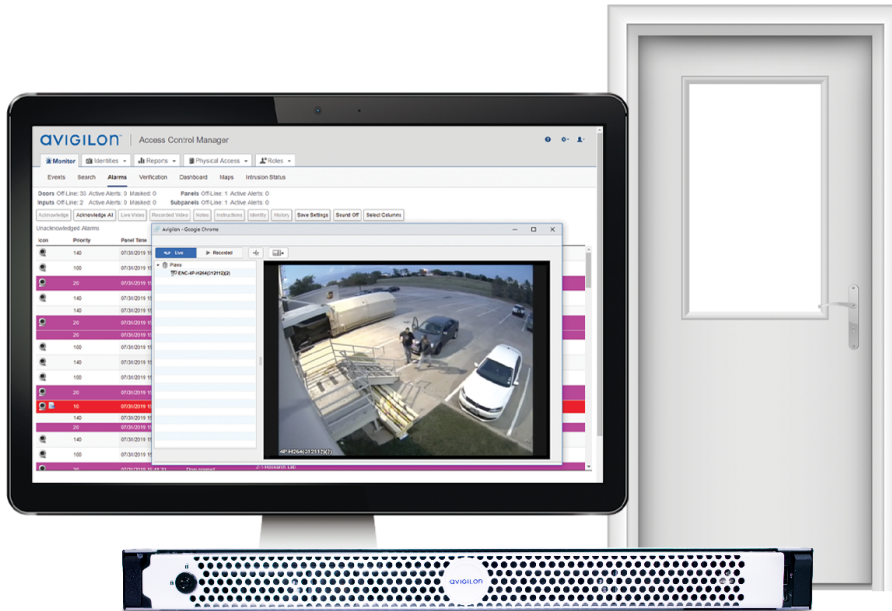
APPENDIX A-PRODUCT LITERATURE

Product Literature is included on the pages that follow.



AVIGILON ACCESS CONTROL MANAGER™ 6 ENTERPRISE AND ENTERPRISE PLUS SYSTEMS

The Access Control Manager (ACM) Enterprise and Enterprise Plus systems are an IT-friendly Physical Access Control System (PACS) from Avigilon for enterprise-class installations. It's a complete access solution that is designed to keep your focus on securing your people, property and assets, and maximizing your time by helping you respond immediately to alerts wherever you are. The ACM™ system is a browser-based solution that can integrate with existing IT/HR systems, minimizing the need for duplicate data entry. It comes with a full set of standard features that not only offer an intuitive and easy-to-use user interface, but will reliably safeguard your information.



FEATURES



OPEN ARCHITECTURE

Leverages open field hardware investments.



SCALABILITY

Scalable from one access door to thousands of doors per Enterprise appliance.



AUTO FAILOVER

Auto-failover capability enables seamless redundancy to keep critical security data safe.



TURNKEY SOLUTION

Powerful 1U rack mount chassis with pre-installed Access Control Manager software from Avigilon.



DATA REPLICATION

Automatically synchronizes security data across all Enterprise/Enterprise Plus appliances in real-time.



EASY INTEGRATION WITH EXISTING SYSTEMS

Seamless integration with existing IT, logistical and physical security systems.

SPECIFICATIONS

SYSTEM	ENTERPRISE	ENTERPRISE PLUS
Processor	Intel® Xeon® E-2124 3.3GHz, 8M cache, 4C/4T, turbo (71W)	Intel Xeon E3-1270 v6 3.8GHz, 8M cache, 4C/8T, Turbo (72W)
Memory	1x8GB 2666MT/s DDR4 ECC UDIMM	32 GB (2 x 16GB), 2400MT/s DDR4 DIMMs, UDIMMs
Card Readers	16 - 400	16 - 2048
Inputs	5,060	10,120
Outputs	5,060	10,120
Max. Identities	250,000	500,000
Max. Controllers	1,000	1,000
Max. Simultaneous Operators	20	50
Max. Stored Events	150,000,000	150,000,000
Hard Disk Drive Configuration	1TB 7.2K RPM SATA 6Gbps 3.5in Cabled Hard Drive	4 x 480GB Solid State Drives, RAID5, 1.3TB effective storage
Transactions (60 minutes sustained)	50,000	150,000
Network Adapter Card	2 x 10/100/1000 Mbps Network Interface Controller (NIC) ports	2 x 10/100/1000 Mbps NIC ports
Remote Management	iDrac9 Basic	iDRAC 9 Enterprise

MECHANICAL		
Form Factor	1U rack-mount chassis	1U rack-mount chassis
Dimensions (HxWxD)	42.8 mm x 482.4 mm x 676.92 mm; 1.68" x 18.99" x 26.65"	42.8 mm x 482.4 mm x 677.3 mm; 1.68" x 18.99" x 26.66"
Weight	8.77 kg (19.32 lbs)	13.4 kg (29.54lb)
Cable Management	1U/2U Static Rails for 2-Post and 4-Post Racks	Dell ReadyRails Sliding Rails With Cable Management Arm

ELECTRICAL		
Power Input	90 to 264 VAC, 47-63 Hz	90 to 264 VAC, 47-63 Hz
Power Supply	Single non-redundant	Power supply redundancy: dual 350W Hot Plug
Power Consumption	250 W	350W

ENVIRONMENTAL		
Operating Temperature	10° C to 35° C (50° F to 95° F)	
Storage Temperature	-40° C to 65° C (-40° F to 149° F)	
Operating Humidity	10 - 80% Relative humidity (non-condensing)	
Storage Humidity	5 - 95% Relative humidity (non-condensing)	
Operating Vibration	0.26Grms at 5–350Hz for 15 minutes	
Storage Vibration	1.88Grms at 10–500Hz for 15 minutes	
Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axis of 6 G for up to 11 ms.	
Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axis (one pulse on each side of the system) of 71 G for up to 2 ms.	
Operating Altitude	-15.2 m (-50 ft) to 3048 m (10,000 ft)	
Storage Altitude	-15.2 m (-50 ft) to 12,000 m (39,370 ft)	

CERTIFICATIONS

ACMA/C-Tick	BELLIS	BSMI	CE	CNCA/CCC	EAC
FCC	ICES	IECEE CB	INSM	KCC	KEBS
KSA ICCP	KUCAS	KVALITET	NEMKO	NRCS	NRTL
NYCE/NOM	OTAN-CKT	SABS	SCC	SII	SONCAP
STZ	TUV	UKRTEST/ UKRSERTCOMPUTER	VCCI		

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HID Global®
HID PivCLASS®
Mercury Security
ASSA ABLOY
Allegion
Farpointe Data®
EasyLobby® by HID
LifeSafety Power®
ViRDI
Simons Voss
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Elmdene

SUPPORTED VIDEO INTEGRATION SOLUTIONS

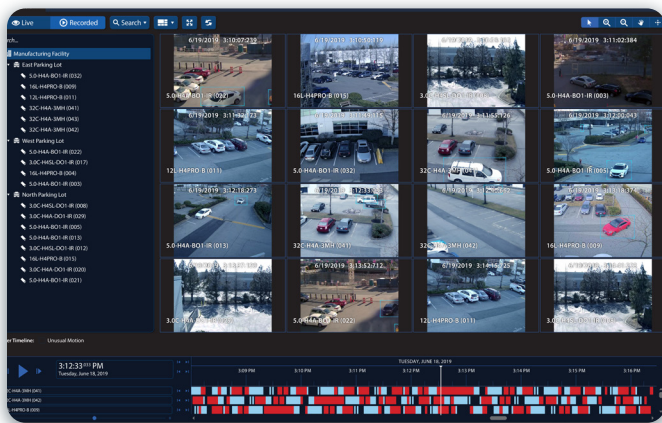
Avigilon Control Center™
Pelco VideoXpert®
Exacq Technologies by Tyco Security
Milestone Systems

ORDERING INFORMATION

ORDERING INFORMATION

AC-APP-16R-ENT2-6	Access Control Enterprise Appliance with 16 readers (can be upgraded to 400 readers)
AC-APP-32R-ENT2-6	Access Control Enterprise Appliance with 32 readers (can be upgraded to 400 readers)
AC-APP-64R-ENT2-6	Access Control Enterprise Appliance with 64 readers (can be upgraded to 400 readers)
AC-APP-128R-ENT2-6	Access Control Enterprise Appliance with 128 readers (can be upgraded to 400 readers)
AC-APP-256R-ENT2-6	Access Control Enterprise Appliance with 256 readers (can be upgraded to 400 readers)
AC-APP-ENT2-WARR-EXTEND-1YR	1 Year Extended Warranty for Access Control Manager Enterprise Appliance
AC-APP-ENT2-WARR-EXTEND-2YR	2 Year Extended Warranty for Access Control Manager Enterprise Appliance
AC-APP-16R-ENT-Plus-6	Access Control Enterprise Plus Appliance with 16 readers (can be upgraded to 2048 readers)
AC-APP-256R-ENT-Plus-6	Access Control Enterprise Plus Appliance with 256 readers (can be upgraded to 2048 readers)
AC-APP-512R-ENT-Plus-6	Access Control Enterprise Plus Appliance with 512 readers (can be upgraded to 2048 readers)
AC-APP-1024R-ENT-Plus-6	Access Control Enterprise Plus Appliance with 1024 readers (can be upgraded to 2048 readers)
AC-APP-2048R-ENT-Plus-6	Access Control Enterprise Plus Appliance with 2048 readers
AC-APP-ENT-PLUS-WARR-EXTEND-1YR	1 Year Extended Warranty for Access Control Manager Enterprise Plus Appliance
AC-APP-ENT-PLUS-WARR-EXTEND-2YR	2 Year Extended Warranty for Access Control Manager Enterprise Plus Appliance

ACC SOFTWARE FEATURES



POWERFUL SEARCH

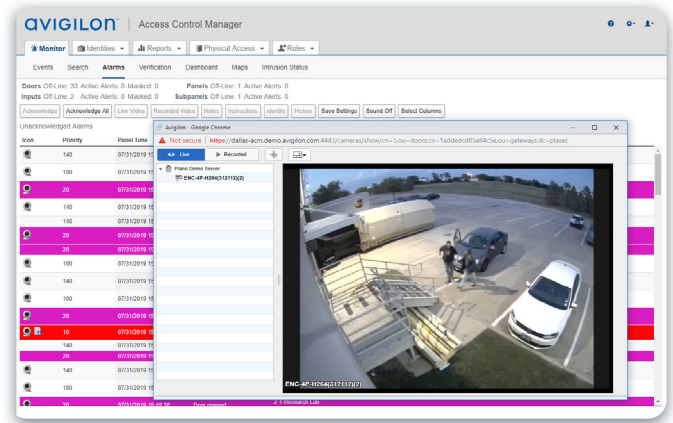
Avigilon Appearance Search technology sorts through hours of video with ease to quickly locate a specific person or vehicle of interest across an entire facility in near real-time.



FOCUS OF ATTENTION INTERFACE

A cutting-edge user interface for live video monitoring that leverages AI and video analytics technologies to determine what information is important and should be presented to security operators.

ACM SYSTEM FEATURES



100% BROWSER-BASED SYSTEM

No server or client software installation required, delivering a ready-to-deploy solution that saves you time.



OPEN-PLATFORM HARDWARE

Integrates with hardware from Mercury Security and HID Global® that scales from just a few readers to larger, more distributed installations.

COMBINED FOR A POWERFUL SECURITY SOLUTION



IDENTITY SEARCH

Enables fast search for a person of interest using their ACM cardholder information. You can then use Avigilon Appearance Search technology to determine that person's current or previous location on site.



QUICK ACTION

ACM generated door events allow you to create rule-based actions and notifications for quick on-site responses, including immediate facility lockdown.

For more information visit avigilon.com/products/access-control/acm-and-acc-unification



Some images of product features and user interfaces have been simulated for illustrative purposes.

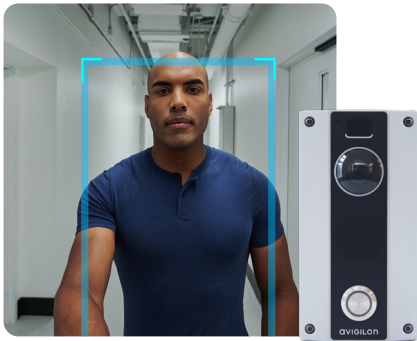
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ACC AND ACM UNIFICATION

ACCESS CONTROL THAT WORKS SEAMLESSLY WITH VIDEO SECURITY

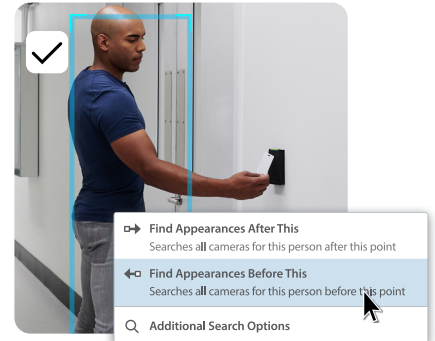
Our Access Control Manager (ACM) system integrates with Avigilon Control Center (ACC) video management software to provide you with one simple, powerful and unified security solution to help you focus on what matters most.



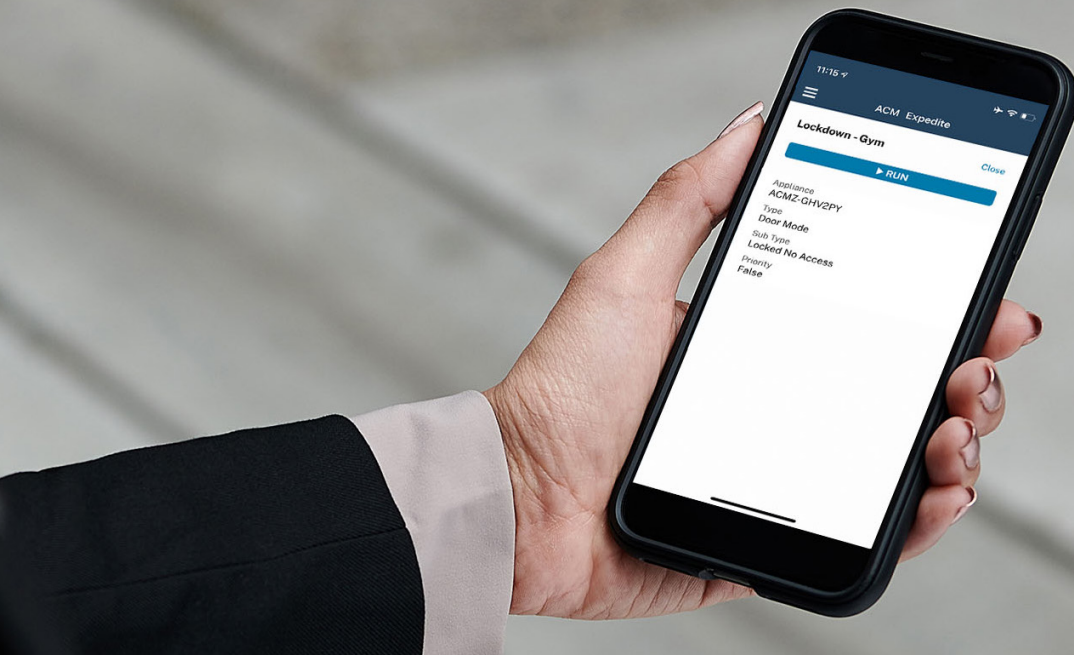
Using ACM™ and ACC™ software, you can instantly verify if a person seen carding in on camera matches the ID photo associated with the access card they're using, then lock or unlock the door right from your ACC client. Respond to H4 Video Intercom calls from anywhere with push notifications from the ACC Mobile 3 app.



From the same screen you can search for that person by using our Identity Search feature.



Using the video from the most recent time they carded in, you can easily use Avigilon Appearance Search™ technology to help find their current location on-site or to see where else they have been. It's that simple.



ACM EXPEDITE

MANAGE ACCESS TO FACILITIES ANYTIME, ANYWHERE ON A MOBILE DEVICE

ACM™ Expedite unlocks the power of Avigilon Access Control Manager (ACM) on mobile devices, empowering operators to manage access to facilities anytime, anywhere. For operators who can't be stuck behind a desk, ACM Expedite provides quick and easy access to pre-configured global actions to swiftly perform daily operations and respond to critical events while on-the-go. Securing a facility to protect people and property has never been easier.



FLEXIBLE & CUSTOMIZABLE ACTIONS

ACM Expedite provides operators on-the-go with quick and easy access to pre-configured actions on their mobile device. Simply tap to remotely grant access, lock and unlock doors, or activate a sitewide lockdown. Actions are defined by the administrator and can be tailored to a facility's access control needs.



CONVENIENT ACCESS

ACM Expedite puts the power of ACM in the hands of operators who can't be stuck behind a desk. Operators can quickly take control of a situation from anywhere using their Android or iOS smartphones. Tablet support will be available in a future release.



PURPOSE-BUILT FOR UNIVERSAL USE

ACM Expedite is designed to be intuitive and easy to set-up, maintain and use by practically any employee in a facility. No formal training is required to use the app and it can seamlessly fit into existing workflows. Operators will get access to the latest features after an ACM upgrade.



MORE FEATURES COMING SOON

This is just the beginning. More features and enhancements are coming soon to equip operators with greater control to protect people and property while on-the-go, such as: door status and commands.



GET THE APP NOW!

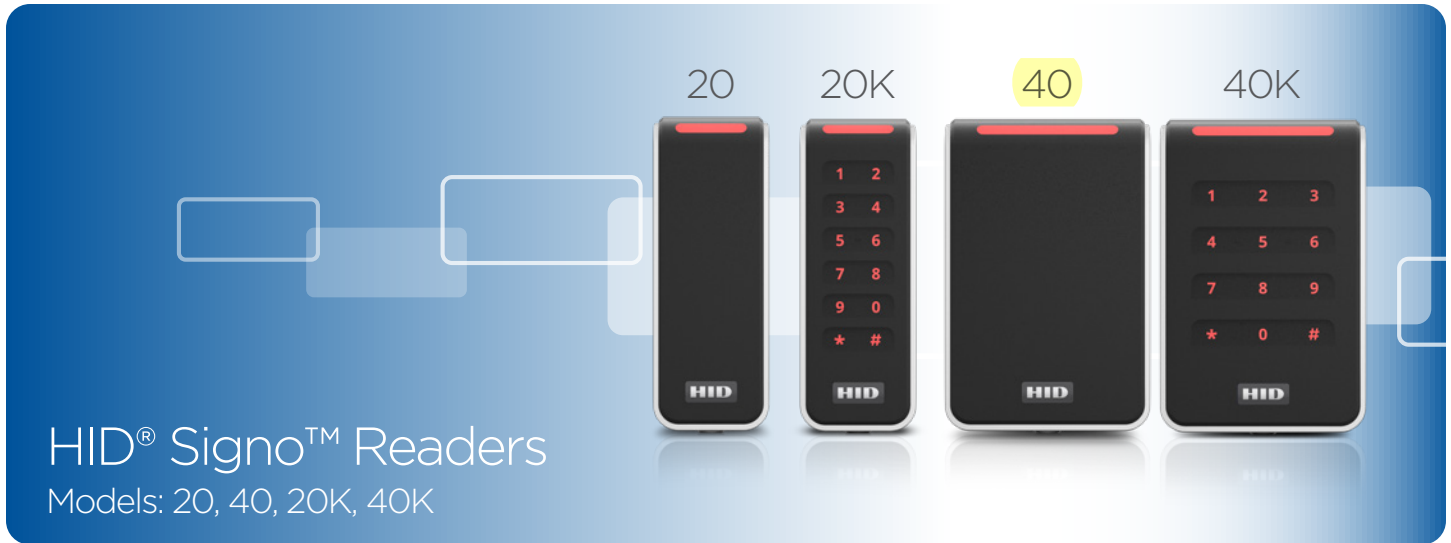


REQUIREMENTS:

- Android 5.0 SDK 21 or Later / Apple iOS 11.4 or later
- ACM 6.22 or later
- ACM account login
- Mobile phone connectivity to ACM Appliance

For more information, visit avigilon.com/acm-expedite.





HID® Signo™ Readers

Models: 20, 40, 20K, 40K

READY FOR THE FUTURE NOW

- Mobile-ready by default, including Apple's Enhanced Contactless Polling (ECP) to support credentials in Apple Wallet
- Sleek, innovative design to suit modern architecture
- Integrated OSDP for secure authentication and configuration post installation
- Built on a hardware platform designed to be adaptable to support future technology
- Designed to seamlessly integrate into the HID Origo® ecosystem

THE SIGNATURE LINE OF READERS FROM HID GLOBAL

- **Highly Versatile** — Support for the widest range of credential technologies, including HID Mobile Access® via native Bluetooth and Near Field Communication (NFC).
- **Unparalleled Performance** — Ultra secure storage of cryptographic keys on certified secure element hardware, plus a new surface detection feature that enables the reader to automatically recalibrate and optimize read range performance.
- **Connected to the Future** — All readers include out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication.

HID Signo™ is the signature line of physical access control readers from HID Global. The versatility, performance and connected capabilities of HID Signo readers set a new industry benchmark for the most highly adaptable, interoperable and secure approach to electronic access control.

Offering an unparalleled breadth of functionality, HID Signo affords security system installers and administrators a simple and effective approach to secure access control for almost any scenario.

With support for the widest array of credential technologies — past, present and future — HID Signo is the perfect choice for those looking to make the transition to a secure authentication technology.

HID Signo readers transcend the traditional approach to security by being designed to be connected and managed remotely without needing to physically touch each device. This functionality empowers access control systems to dynamically respond as new needs, configurations or threats arise.

POWERFULLY SECURE

- Multi-Layered security to ensure data authenticity and privacy
- EAL5+ Certified Secure Element Hardware
- Native OSDP secure channel capability
- Trusted secure authentication using the SIO data model
- Supports iCLASS Elite™ and Corporate 1000 Programs

MEET EVERY NEED, ADAPT TO ANY SITUATION

- Go mobile with native Bluetooth and NFC support
- Integrated 125 kHz credential read support for easy migration
- Supports over 15 common credential technologies
- Flush mount terminal block and pigtail wiring options
- Robust outdoor performance with an IP65 rating

MANAGE, UPGRADE AND CONFIGURE

- Easily and securely managed using HID Reader Manager®
- Configure via a mobile device or OSDP
- Update firmware in response to threats
- Personalize by configuring audio visual or keypad settings
- Deactivate legacy credential technology to conclude secure migration

SPECIFICATIONS

HID Signo Reader Model	20	20K	40	40K
2.4 GHz (Bluetooth) Credential Compatibility	Mobile Credentials powered by Seos® (HID Mobile Access)			
13.56 MHz (NFC) Credential Compatibility	Seos, iCLASS SE®, iCLASS SR®, iCLASS®, MIFARE Classic, MIFARE DESFire EV1/EV2, FeliCa™ & Contactless e-Purse Application Specification (CEPAS), Mobile Credentials powered by Seos (HID Mobile Access)			
125 kHz Credential Compatibility	HID Proximity®, Indala® Proximity, AWID Proximity, and EM Proximity			
Typical Read Range¹	Seos®, MIFARE Classic, MIFARE DESFire EV1/EV2 & ISO14443A Single Technology Cards - 1.6 to 4 in (4 to 10 cm) HID / AWID Proximity®, Indala Proximity®, EM Proximity & 125 kHz Single Technology Cards - 2.4 to 4 in (6 to 10 cm)			
Mounting	Suited for mullion-mount door installations or any flat surface mounting		Suited to mount and cover single gang switch boxes with a slotted mounting plate for alternate back-box spacing	
Color	Black bezel with silver trim baseplate ²			
Keypad	No	Yes (2 x 6 layout)	No	Yes (3 x 4 layout)
Dimensions (width x length x depth)	1.77 in x 4.78 in x 0.77 in (45 mm x 121.5 mm x 19.5 mm)	1.78 in x 4.79 in x 0.85 in (45 mm x 121.5 mm x 21.5 mm)	3.15 in x 4.78 in x 0.77 in (80 mm x 121.5 mm x 19.5 mm)	3.16 in x 4.79 in x 0.85 in (80 mm x 121.5 mm x 21.5 mm)
Product Weight	Pigtail: 3.35 oz (95 g) Terminal: 2.65 oz (75 g)	Pigtail: 3.88 oz (110 g) Terminal: 3.17 oz (90 g)	Pigtail: 4.94 oz (140 g) Terminal: 4.23 oz (120 g)	Pigtail: 5.64 oz (160 g) Terminal: 4.94 oz (140 g)
Operating Voltage	12V DC			
Current Draw³	NSC⁴: 60 mA Peak: 250 mA Max. Avg: 70 mA IPM⁵: 45 mA	NSC⁴: 65 mA Peak: 250 mA Max. Avg: 75 mA IPM⁵: 48 mA	NSC⁴: 65 mA Peak: 250 mA Max. Avg: 75 mA IPM⁵: 45 mA	NSC⁴: 70 mA Peak: 250 mA Max. Avg: 80 mA IPM⁵: 55 mA
Device Input and Output	Input: Tri-color LED, Buzzer, Hold @ Active Low Output: Tamper Relay 0-60V DC @ 100mA Max (Dry Contact)			
Operating Temperature & Humidity	-31° F to +150° F (-35° C to +66° C) 0% to 95% non-condensing			
Storage Temperature	-40° F to +185° F (-40° C to +85° C)			
Environmental Rating	UL294 Outdoor and Indoor rated, IP65			
Transmit Frequency	125 kHz, 13.56 MHz, and 2.4 GHz			
Communications & Panel Connection	Wiegand, Clock-and-Data and RS-485 Half Duplex (OSDP) via Pigtail (18 in / 0.5 m) or Terminal Strip			
Device Management	HID Reader Manager / OSDP configuration			
Certifications	UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (China), KCC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, MIC (Japan), GreenCircle, Bluetooth SIG, and additional regions. www.hidglobal.com/certifications			
Security Ratings	EAL 5+ Certified Secure Element Hardware			
Patents	www.hidglobal.com/patents			
Housing Materials	Polycarbonate - UL94 V0			
UL Reference Number	20	20K	40	40K
Warranty	Limited Lifetime			



hidglobal.com

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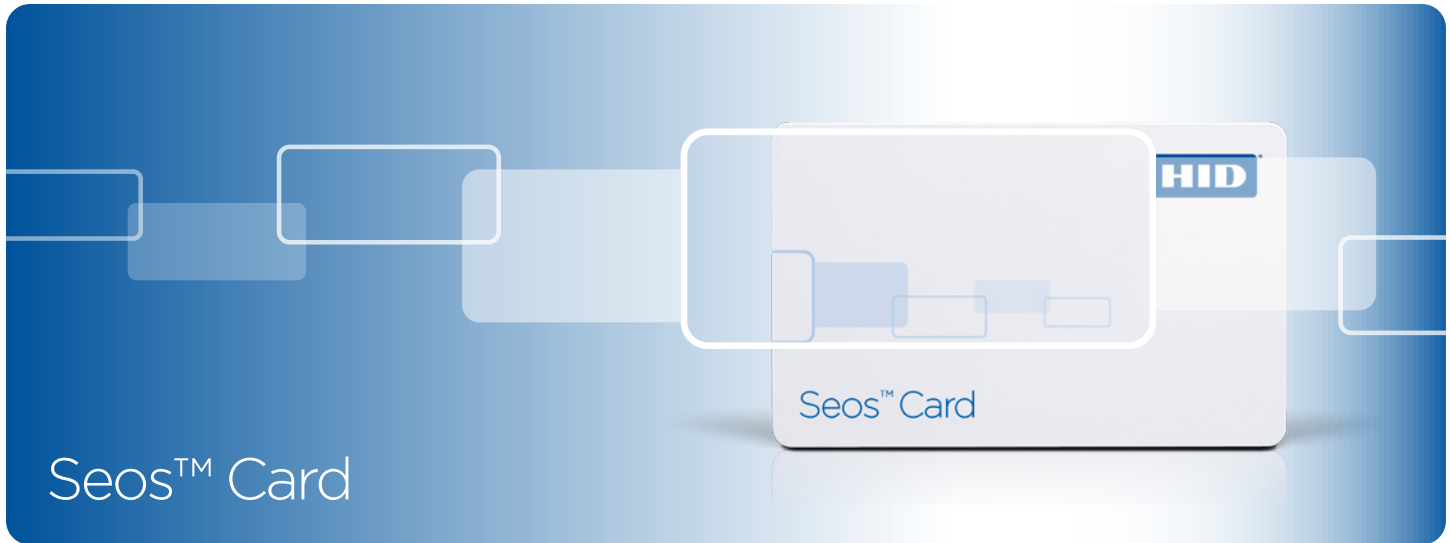
An ASSA ABLOY Group brand

- 1 Read range listed is statistical mean rounded to nearest centimeter increment for ID-1 or clamshell credentials. HID Global testing occurs in open air. Form factor, technology and environmental conditions, including metallic mounting surface, can degrade read range performance; plastic spacers are recommended to improve performance on metallic mounting surfaces.
- 2 Black trim baseplate & reader spacers available as an additional accessory at an additional cost.
- 3 Measured in accordance with UL294 standards; see Installation Guide for details.
- 4 NSC - Normal Standby Current; see Installation Guide for details.
- 5 Intelligent Power Management (IPM) - Reduces reader current consumption up to 43%, based on model, compared to standard operating mode.

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2020-09-21-pacs-signo-reader-family-ds-en PLT-04831



ASSA ABLOY



Secure Identity Object Assured Ecosystem



HIGH FREQUENCY CONTACTLESS SMART CARD FOR SECURING IDENTITIES

- **Strong authentication** – First enterprise-ready converged card for securing physical access as well as access to IT resources.
- **Increased interoperability** – Open, standards-based solution supports future technologies and can store data for multiple applications.
- **Technology-independent security** – Multi-layered security supports the portable Secure Identity Object (SIOs®) data model.
- **Heightened privacy protection** – No traceable identifiers exchanged during card sessions, preventing data associated to a card from being divulged or cloned.

HID Global’s Seos™ smart cards are based on a secure, open technology to manage and authenticate identities. The cards primarily address the need for securing identities for the physical access control solution (PACS) market but are also provisioned to support other applications, including One-Time Password authentication (OTP) for login into networks and other IT resources.

Seos™ cards are ideal for organizations with stringent security requirements for their credential solution, as well as enterprise and government organizations looking for a cost-effective solution. As part of the iCLASS SE® platform, the cards deliver superior data integrity and privacy protection by leveraging the latest cryptographic algorithms. Seos™ cards also utilize a secure messaging protocol to protect data transmission with the off-card applications providing strong authentication mechanisms to protect the communications between card and reader.

Delivering maximum interoperability, Seos™ cards include a standards-based application that offers a universal card command interface. The solution also supports an ISO/IEC 7816-4 command set and data model that defines the supported interfaces between an Seos™ card and the reader.

Seos™ cards provide trusted management of secure identities within HID Global’s iCLASS SE platform that is based on its Secure Identity Object (SIO) data model.

The iCLASS SE platform manages the secure distribution and life span of credentials. Seos™ supports multiple SIOs carried on a single credential/device to secure PACS (along with any other application data). This enables applications to provide individual protected data sets for the identities in each application.

For migration purposes, the credential is available as multi-technology card that combines 125 KHz Proximity and a high frequency Seos contactless microprocessor.

TECHNOLOGY FEATURES

- Available in 8K-Bytes or 16K-Bytes memory
- AES-128/2TDEA cryptographic algorithms for data protection
- Mutual authentication protocol with generation of diversified session key to protect each card session (using secure messaging).
- Secure data storage with flexible data model (file system based) using a firewalled architecture for data separation between applications.
- Supports ISO/IEC standards: 7810, 7816 and contactless cards (14443 A).
- Contactless unique identifier: 4 bytes (random value).
- Generic command set based on ISO/IEC 7816-4.
- Hardware chip integrating co-processor with high performance for cryptographic calculations with symmetric keys.
- One Time Password generation using standards-based solution.
- Card customization available: Magnetic stripe, custom text or graphics (requires minimum quantity).

SECURITY FEATURES

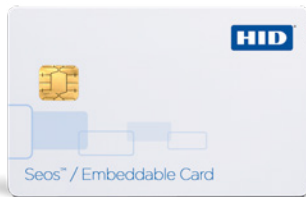
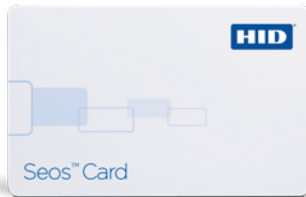
- Programmable with one or several Secure Identity Objects® (SIOs®) for each application.
- High resistance to common attacks (man in the middle, replay attacks and others).
- Available with anti-counterfeiting features such as holograms, holographic foil, OVI (Optical Variable Ink).

SINGLE TECHNOLOGY CONTACTLESS FEATURES

- Seos™ with 8K processor card for standard applications or with extended 16K memory for demanding applications.
- Leverages AES-128 based SIO data model and security.

INTEROPERABILITY

- Fully supported by HID Signo Readers.
- Fully supported by iCLASS SE® and multiCLASS SE® readers that can process SIO-enabled data formats. Only supported by iCLASS SE readers with firmware Revision E or later.



SPECIFICATIONS

Seos™ 8K and Seos™ 16K	
Base Part Number	5005 for standard 16K card / 5006 for 8K 5015 for embeddable 16K card / 5016 for 8K
Operating frequency	13.56 MHz with ISO/IEC 14443 Type A
Typical Maximum Read Range	3-4" (depending the reader used)
Dimensions	2.127" x 3.375" x 0.033" max (5.40 x 8.57 x 0.084 cm)
Construction	Composite with 60% PVC / 40% PET
Operating Temperature	-40° to 158° F (-40° to 70° C)
Weight	0.20 oz (5.5g)
Memory Size	8K or 16K
Privacy Mode	Privacy-preserving mode (with encryption of device identifiers)
Secure Messaging	EN 14890-1 and 7816 aligned using AES/2TDEA algorithm
Mutual Authentication Mechanism	Based on ISO/IEC 24727-3 2008 with NIST SP800-56A (for session key derivation)
TUVIT SEAL-5 Certified	Yes - Currently available with 16K option only
Write Endurance	Min 500,000 cycles
Data Retention	Min 20 years
HID Proximity	No
Contact Smart Chip Embeddable	Yes
Printable	Yes (white/white card) Usable with direct imaging and thermal transfer printers (from HID but also from other suppliers) Exclusion areas for printing may apply in some areas of the card plastic
Slot Punch	Not available
Secure Identity Services	Customized cards are available through HID Identity on demand
Visual Security Options	Optional including hologram, anti-counterfeiting, holographic foil
Additional Security Options	Corporate 1000, Secure Identity Object (SIO) programming with SE-Elite
Warranty	Lifetime, see complete warranty policy for details



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2021-01-14-pacs-seos-card-ds-en PLT-01141
Part of ASSA ABLOY

Overview

These ProWire Unified Power wall mount models are single and dual voltage access power systems, precision wired for MERCURY controllers. ProWire enables the specification and installation of **standardized access power equipment** across an enterprise for uniform operation, maintenance and servicing.

The C4 or M8 control modules provide access control inputs capable of voltage or dry contact activation, and outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8 module provides (8) auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

ProWire Unified Power enclosures are painted steel with removable backplate, lock, keys and a tamper switch and come 100% factory tested – ready for final panel installation and field wire termination.

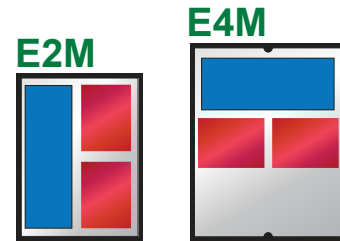


FP075-B100M8PNL4E2M/T4-A
 Managed Power System
 E2M enclosure, A-Wired Tie Wrap

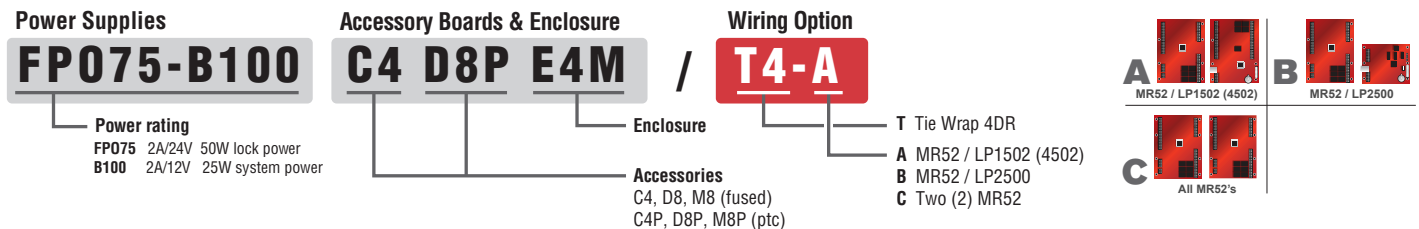
Product Features

- Pre-installed wire harness for panel power, lock control, faults and tamper switch
- Point to point wiring; labeled, color coded, twisted pair, shielded communication
- Tie wrap or Panduit wire duct cable management options
- Managed systems monitor power, batteries and (8) eight outputs
- UL294, ULC S319 joint LSP / Mercury integrated listing

Enclosure Styles



Model Nomenclature



*Model Number	Model Wiring Options			System Type	Distributed Outputs	Enclosure / Cable Mgmt H x W x D (inches)
	T4-A	T4-B	T4-C		Auxiliary and Control	

Dual Voltage - 2A/12V and 2A/24V


FP075-B100C4D8PE2M/T4-A	T4-A	T4-B	T4-C	Standard	8 auxiliary, 4 lock control	E2M 20 x 16 x 4.5 Tie Wrap
FP075-B100M8PNL4E2M/T4-A	T4-A	T4-B	T4-C	Networked	8 managed	
FP075-B100C4D8PE4M/T4-A	T4-A	T4-B	T4-C	Standard	8 auxiliary, 4 lock control	E4M 24 x 20 x 6.5 Tie Wrap
FP075-B100M8PNL4E4M/T4-A	T4-A	T4-B	T4-C	Networked	8 managed	

Single Voltage - 6A/12V (3A/24V)

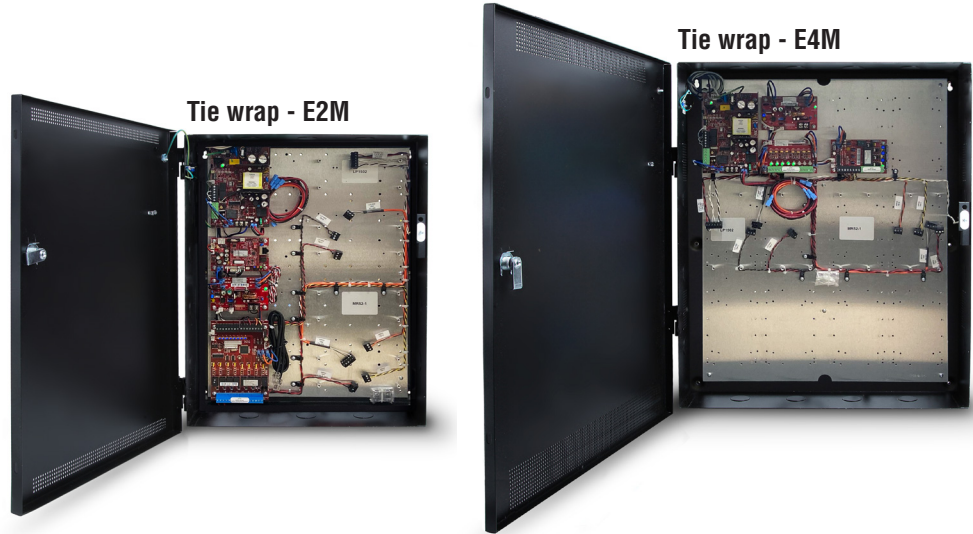
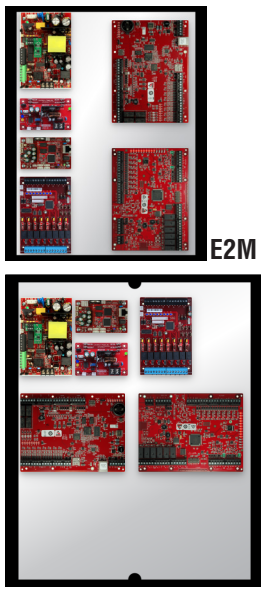
FP075-C4D8PE2M/T4-A	T4-A	T4-B	T4-C	Standard	8 auxiliary, 4 lock control	E2M 20 x 16 x 4.5 Tie Wrap
FP075-M8PNL4E2M/T4-A	T4-A	T4-B	T4-C	Networked	8 managed	
FP075-C4D8PE4M/T4-A	T4-A	T4-B	T4-C	Standard	8 auxiliary, 4 lock control	E4M 24 x 20 x 6.5 Tie Wrap
FP075-M8PNL4E4M/T4-A	T4-A	T4-B	T4-C	Networked	8 managed	

*Model wiring option "T4-A" calls out A wired tie wrap. Modify model number to order other options, i.e., FP075-B100C4D8PE2M/T4-C (C wired tie wrap)

System Specifications

Power Supplies	FP075	Power supply board, 2A/24V
	B100	Secondard voltage module, 2A/12V class 2 power limited Input 120/230VAC 50/60Hz 83 Watts (0.69A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Battery Charging	Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup	
Supervision	AC Fault (form "C" contacts) System Fault (form "C" contacts) System Fault conditions: Low or no battery short to earth ground power supply failure	
Distribution Modules	D8P	8 auxiliary outputs, class 2 power limited at 2.5A per output
	C4	4 relay lock control outputs, fused at 3A per output
	M8	8 relay managed outputs, fused at 3A per output
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status.
	M8	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current.
Enclosures	E2M	Size: 20.00H x 16.00W x 4.50D in. (51.00 x 41.00 x 11.50 cm) Weight: 20 lbs.
	E4M	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 28 lbs.
Wiring Suffix	T4-A	T = Tie Wrap 4 = Door count A = MR52 / EP1502
	T4-B	T = Tie Wrap 4 = Door count B = MR52 / LP2500
	T4-C	T = Tie Wrap 4 = Door count C = All MR52s
		
Regulatory Compliance	USA/Canada	UL294, UL1076 ULC S319 CSA C22.2 #107.1 FCC Part 15 CSFM
	International	CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015 India BIS IS13252(Part1):2010 Mexico NOM 001:2018

Board Locations / Wiring Examples



LifeSafety Power, Inc.
 899 E Park Avenue
 Libertyville, IL 60048 USA
 (888) 577-2898
 info@lifesafetypower.com
 P01-1018A 05/21

LifeSafety Power warrants to the original purchaser only that all products will be free from defects in material or workmanship at time of shipment. This warranty is non-transferable. Our obligation under this warranty is limited to repair or replacement, at the sole discretion of LifeSafety Power, of products that are defective in material or workmanship at the time of shipment provided they were used within the specified ratings and installed in accordance with accepted engineering practices. Products in the Unified Wired Systems Classification will be wired to the LifeSafety Power description of operation unless otherwise stated. At the time of installation it is the obligation of the purchaser or final installer to verify that all wired terminations provide the desired operation. In no event shall LifeSafety Power be responsible for any special, incidental or consequential damages even if LifeSafety Power has been advised of the possibility of such damages. Customer hereby agrees to indemnify LifeSafety Power for and hold LifeSafety Power harmless from and against any and all loss, cost or expense (including reasonable attorneys' fees) directly or indirectly related to any claim with respect to Unified Wired™ systems classification products except to the extent any such claim shall result from the gross negligence or willful misconduct of LifeSafety Power.

Overview

These ProWire Unified Power wall mount models are single and dual voltage access power systems, precision wired for MERCURY controllers. ProWire enables the specification and installation of **standardized access power equipment** across an enterprise for uniform operation, maintenance and servicing.

The C8 or M8 control modules each provide (8) eight access control inputs capable of voltage or dry contact activation, and (8) eight outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8 module provides (8) eight auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

ProWire Unified Power enclosures are painted steel with removable backplate, lock, keys and tamper switch and come 100% factory tested – ready for final panel installation and field wire termination.

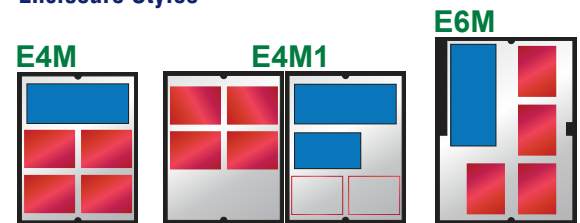


FPO150-B100 2D8PM8NL4E4M/P8-A
 Managed Power System
 E4M enclosure, A-Wired Panduit

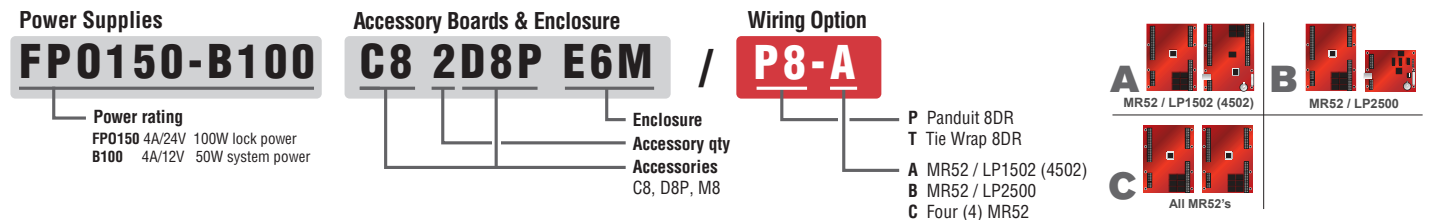
Product Features

- Pre-installed wire harness for panel power, lock control, faults and tamper switch
- Point to point wiring; labeled, color coded, twisted pair, shielded communication
- Tie wrap or Panduit wire duct cable management options
- Managed systems monitor power, batteries and (8) eight outputs
- UL294, ULC S319 joint LSP / Mercury integrated listing

Enclosure Styles



Model Nomenclature



*Model Number	Model Wiring Options						System Type	Distributed Outputs	Enclosure / Cable Mgmt
	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C		Auxiliary and Control	H x W x D (inches)

Dual Voltage - 4A/12V and 4A/24V

FPO150-B100 C82D8PE4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E4M 24 x 20 x 6.5 Tie Wrap
FPO150-B100 2D8PM8NL4E4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	
FPO150-B100 C82D8PE4M1/P8-A	T8-A	T8-B	T8-C				Standard	8 auxiliary, 8 lock control	E4M1 24 x 20 x 6.5 Tie Wrap
FPO150-B100 2D8PM8NL4E4M1/P8-A	T8-A	T8-B	T8-C				Networked	8 auxiliary, 8 managed	
FPO150-B100 C82D8PE6M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E6M 30 x 23 x 6.5 Tie Wrap / Panduit
FPO150-B100 2D8PM8NL4E6M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	

Single Voltage - 12A/12V (6A/24V)

FPO150-C82D8PE4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E4M 24 x 20 x 6.5 Tie Wrap
FPO150-2D8PM8NL4E4M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	
FPO150-C82D8PE6M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Standard	8 auxiliary, 8 lock control	E6M 30 x 23 x 6.5 Tie Wrap / Panduit
FPO150-2D8PM8NL4E6M/P8-A	T8-A	T8-B	T8-C	P8-A	P8-B	P8-C	Networked	8 auxiliary, 8 managed	

*Model wiring option "P8-A" calls out A wired Panduit. Modify model number to order other options, i.e., FPO150-B100C82D8PE4M/T8-C (C wired tie wrap)

System Specifications

Power Supplies	FP0150	Power supply board 150W, 4A/24V
	B100	Secondard voltage module, 4A/12V class 2 power limited Input 120/230VAC 50/60Hz 170 Watts (1.42A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision		AC Fault (form "C" contacts) System Fault (form "C" contacts) System Fault conditions: Low or no battery short to earth ground power supply failure
Distribution Modules	D8P (X2)	8 auxiliary outputs, class 2 power limited at 2.5A per output (second D8P dedicated power to Mercury controllers)
	C8	8 relay lock control outputs, fused at 3A per output
	M8	8 relay managed outputs, fused at 3A per output
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status.
	M8	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current.
Enclosures	E4M	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 28 lbs.
	E4M1	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 28 lbs.
	E6M	Size: 30.00H x 23.00W x 6.50D in. (76.20 x 58.12 x 16.50 cm) Weight: 47 lbs.
Wiring Suffix	T8-A P8-A	T = Tie Wrap P = Panduit 8 = Door count A = MR52 / EP1502
	T8-B P8-B	T = Tie Wrap P = Panduit 8 = Door count B = MR52 / EP2500
	T8-C P8-C	T = Tie Wrap P = Panduit 8 = Door count C = All MR52s
Regulatory Compliance	USA/Canada	UL294, UL1076 ULC S319 CSA C22.2 #107.1 FCC Part 15 CSFM
	International	CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015 India BIS IS13252(Part1):2010 Mexico NOM 001:2018

Board Locations / Wiring Examples

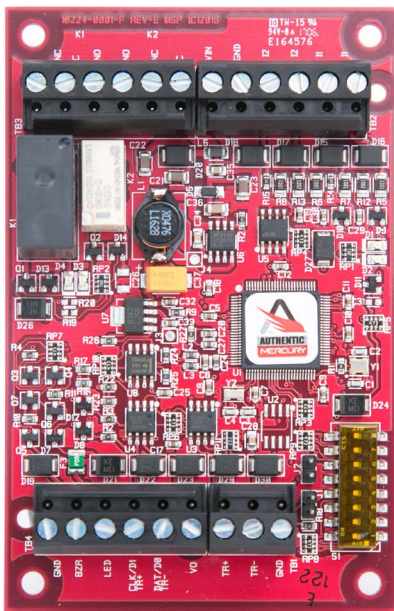


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P01-1019A 05/21

LifeSafety Power warrants to the original purchaser only that all products will be free from defects in material or workmanship at time of shipment. This warranty is non-transferable. Our obligation under this warranty is limited to repair or replacement, at the sole discretion of LifeSafety Power, of products that are defective in material or workmanship at the time of shipment provided they were used within the specified ratings and installed in accordance with accepted engineering practices. Products in the Unified Wired Systems Classification will be wired to the LifeSafety Power description of operation unless otherwise stated. At the time of installation it is the obligation of the purchaser or final installer to verify that all wired terminations provide the desired operation. In no event shall LifeSafety Power be responsible for any special, incidental or consequential damages even if LifeSafety Power has been advised of the possibility of such damages. Customer hereby agrees to indemnify LifeSafety Power for and hold LifeSafety Power harmless from and against any and all loss, cost or expense (including reasonable attorneys' fees) directly or indirectly related to any claim with respect to Unified Wired™ systems classification products except to the extent any such claim shall result from the gross negligence or willful misconduct of LifeSafety Power.

Series 3 - MR50 Serial I/O Single Card Reader Interface panel

The Avigilon™ Access Control Manager (ACM)™ system supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe and barcode.



The Mercury Security AC-MER-CONT-MR50 Series 3 from Avigilon is an enhanced, high performance, reliable single card reader interface panel that offers all the I/O needed

for managing a single controlled opening with the Access Control Manager system. It offers an improved processor and increased memory with an embedded crypto memory chip for encryption support – enabling organizations to stay ahead of internal and external threats to achieve data security.

Each AC-MER-CONT-MR50 will interface one card reader, two general purpose input monitor points and two control relays to provide access control and security monitoring through the AC-MER-CONT-1DR, AC-MER-CONT-2DR or the AC-MER-CONT-64DR intelligent controllers. The result is the flexibility, versatility and reliability required for demanding access control solutions.

The Access Control Manager system and Mercury Security Series 3 open field hardware provides the ultimate platform to complete the Avigilon physical access control security solution.

Open Architecture: High performance, reliable platform enables use of Mercury hardware with the Access Control Manager system

OSDP Protocol: Supports OSDP and Secure Channel protocol for device connectivity, file transfer and extended applications such as biometrics and federal government profile support

Enhanced Security: Embedded crypto memory chip provides secured layer of encryption to protect sensitive data

Versatile Interoperability: Same reliable interface and identical footprint as the Series 2 Mercury IO modules enabling seamless upgrades for existing deployments

KEY FEATURES

AES 128/256 bit data encryption for optimal data protection

Compact footprint and RS-485 connectivity

12 or 24 V DC input power support

Interfaces with a wide array of reader technologies including Wiegand, clock and data, magnetic stripe and keypads

Supports being clustered or distributed to best suit the installation environment

Inputs and the output relays support assignment to door related functions or to general purpose I/O

Inputs support normally open, normally closed, supervised and non-supervised circuits

Output relays are configurable for fail-safe or fail secure operation



APPLICATION NOTES

The inputs and the relays can be assigned to door-related functions or to general- purpose I/O. The inputs support normally open, normally closed, supervised and non-supervised circuits. End-of-line (EOL) resistance values are configurable, and the relays can be configured for fail-safe or fail-secure operation.

When connected to an authentic Mercury intelligent controller, the MR50 can relate the activities of selected system devices to other devices within the system, generating actions and allowing activities to occur independent of the host. The MR50 can also locally process access requests based on facility code verification, even when disconnected from an intelligent controller. Up to eight facility codes may be active in each MR50

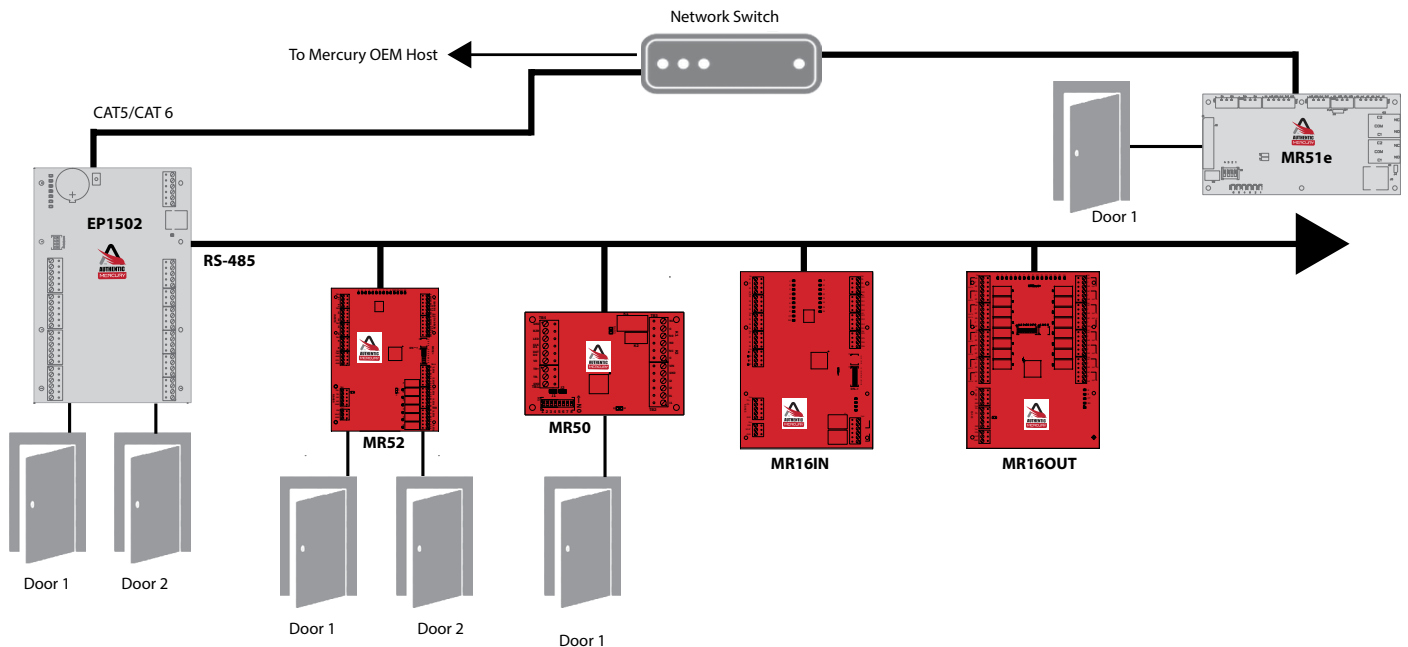
Specifications

TECHNICAL SPECIFICATIONS		
Primary Power		12-24 Vdc +/- 10%, 150mA maximum
Host Communication		RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
Reader Port		1 Reader Port*
Card/Keypad Data		OSDP, Clock/Data, Data-1/Data-0, RS-485 or F/2F
Keypad		8-bit Mercury, 8-bit Dorado/HID, 4-bit HID
Reader Power		Input voltage pass-through
LED		One-wire bi-color LED or two-wire LED
Buzzer		Only with 'one-wire' LED
Inputs		2 General Purpose: Programmable circuit type 1 Dedicated: Tamper
Output Relays		Relay 1: Normally open contact (NO): 5A @ 30 Vdc resistive Normally closed contact (NC): 3A @ 30 Vdc resistive Relay 2: 2A @ 30 Vdc resistive
Dimensions		2.75" L x 4.25" W x 1.0" H, (70mm L x 108mm W x 25.4mm H)
Temperature		-40-75 °C operational, -55-85 °C storage
Humidity		5 to 95% RHNC
Standards		UL 294 recognized, CE compliant, RoHS, FCC Part 15 Subpart B

*Note: A single entry/exit door application (2 readers total) can be supported when connected to OSDP readers.

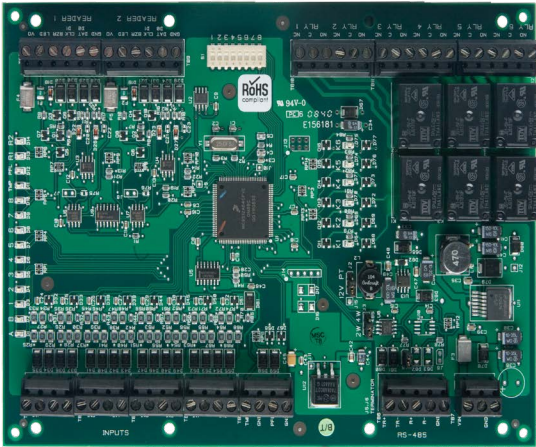
ORDERING INFORMATION

AC-MER-CONT-MR50	Reader Interface Module - (1 reader: mag or wiegand, 2 inputs, 2 relays) (Mercury Part Number: MR50-S3)
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Two Reader Interface Panel

The Avigilon™ Access Control Manager (ACM)™ system supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe and barcode.



The AC-MER-CON-MR52 is a low cost, high performance device that provides all the I/O needed for managing two controlled openings with auxiliary point control and monitoring with the Access Control Manager system from Avigilon.

Based on the Mercury Security (MR52), each AC-MER-CON-MR52 will interface two card readers, eight general-purpose input monitor points and six control relays to provide access control and security monitoring through the AC-MER-CONT-1DR, AC-MER-CONT-2DR or the AC-MER-CONT-64DR intelligent controllers. The result is the flexibility, versatility and reliability required for demanding access control solutions.

The Access Control Manager system and Mercury Security open field hardware provide the ultimate platform to complete the Avigilon end-to-end security solution.

KEY FEATURES

- Compact footprint and RS-485 connectivity
- Affordable solution for applications requiring two reader doors
- Onboard I/O's provide auxiliary point control and monitoring
- 12 or 24 V DC input power support
- Offline reader access mode support
- 12 V DC reader support with 24 V DC power source
- Interfaces with a wide array of reader technologies including Wiegand, clock and data, magnetic stripe and keypads
- Supports being clustered or distributed to best suit the installation environment
- Inputs and the output relays support assignment to door related functions or to general purpose I/O
- Inputs support normally open, normally closed, supervised and non-supervised circuits
- Output relays are configurable for fail-safe or fail secure operation



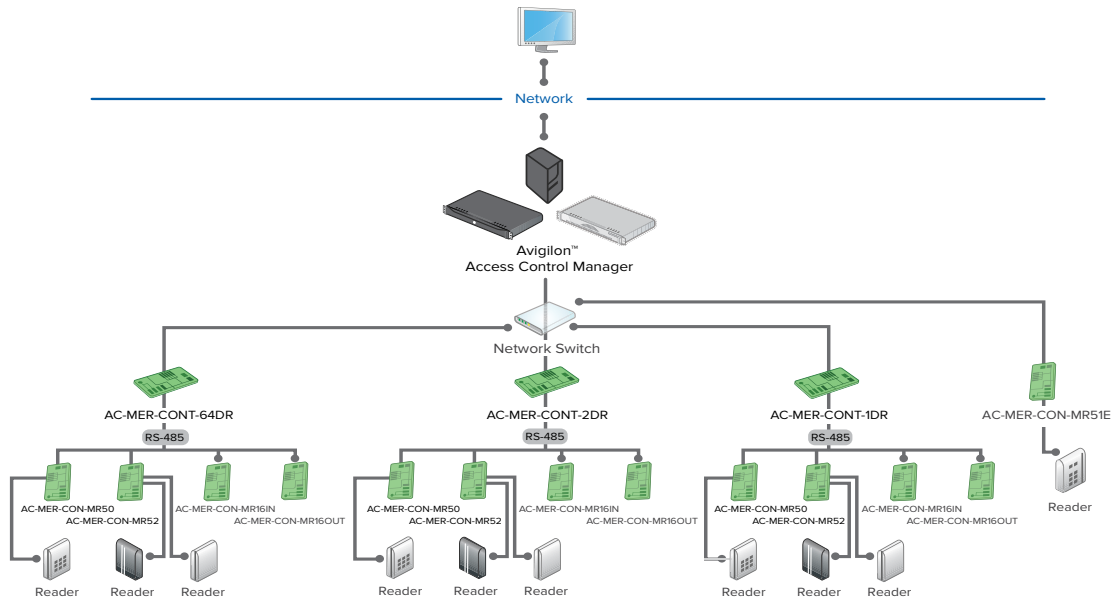
Specifications

TECHNICAL SPECIFICATIONS

Primary Power	12 to 24 V DC \pm 10 %, 550 mA maximum (reader current not included)
Communication	2-wire RS-485: 9600, 19200, 38400 or 115200 bps
Reader Ports	Two Reader Ports Power: 12 V DC regulated, 125mA each reader Data Card/Keypad Clock/Data, Data-1/Data-0
Keypad	Multiplexed with card data
LED	TTL compatible, high > 3 V, low < 0.5 V, 5 mA source/sink maximum
Buzzer	Open collector, 12 V DC open circuit maximum, 40 mA sink maximum
Inputs	Eight unsupervised/supervised, standard EOL: 1k/1k ohm, 1%, ¼ watt Two unsupervised, dedicated for cabinet tamper and UPS fault monitoring
Outputs	Six Relays: Form-C, 30 V DC @ 5 A
Dimensions (W x L x H)	152mm x 203mm x 25mm; 6" x 8" x 1"
Cable requirements:	Power: 1 twisted pair, 18 AWG RS-485 I/O devices: 1 twisted pair with drain wire and shield, 24 AWG, 120 ohm impedance, 4,000 feet (1,200 m) maximum Alarm inputs: One twisted pair per input, 30 ohms maximum Outputs: As required for the load Reader data (TTL): 6-conductor, 18 AWG, 500 feet (150 m) maximum Reader data (F/2F): 4-conductor, 18 AWG, 500 feet (150 m) maximum Reader data (RS-485): 1 twisted pair with drain wire and shield, 24 AWG, 120 ohm impedance, 2,000 feet (610 m) maximum
Weight	11 oz. (312 g) nominal
Temperature	Operating: 0° C to 70° C (32° F to 170° F) Storage: -55° C to 85° C (-67° F to 185° F)
Humidity	0 - 95% Relative humidity (non-condensing)
Standards	UL 294 Recognized, CE Compliant, RoHS

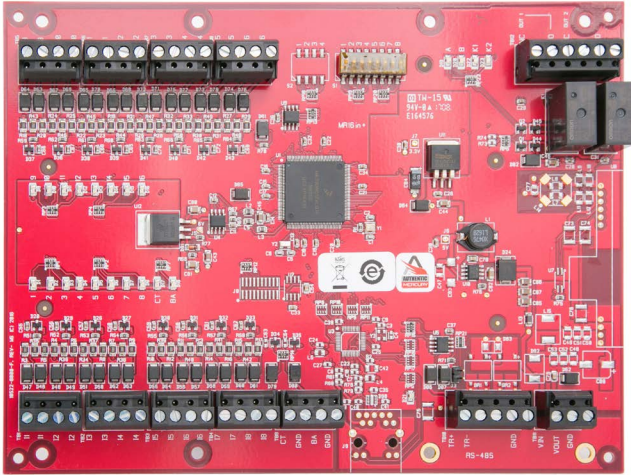
ORDERING INFORMATION

AC-MER-CON-MR52	Access Platform MR52 Two Reader Interface Module (Mercury MR52)
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Series 3 - Serial I/O 16-input Interface panel

The Avigilon™ Access Control Manager (ACM)™ system supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard multi-device interface panels, power and communication controller boards, and intelligent controllers.



The Mercury Security AC-MER-CONT-MR16in Series 3 from Avigilon is an enhanced, high performance, reliable interface panel for monitoring high concentrations of inputs with the

Access Control Manager system. It offers an improved processor and increased memory with an embedded crypto memory chip for encryption support – enabling organizations to stay ahead of internal and external threats to achieve data security.

Each AC-MER-CONT-MR16in supports 16 general-purpose dry-contact inputs, configurable to be individually set for normally open, normally closed, supervised and non-supervised circuits. The AC-MER-CONT-MR16in provides access control and security monitoring through the AC-MER-CONT-1DR, AC-MER-CONT-2DR or the AC-MER-CONT-64DR intelligent controllers. The result is the flexibility, versatility and reliability required for demanding access control solutions.

The Access Control Manager system and Mercury Security Series 3 open field hardware provides the ultimate platform to complete the Avigilon physical access control security solution.

Open Architecture: High performance, reliable platform enables use of hardware with the Access Control Manager system

Easy Expansion: Adds functionality and flexibility to existing access control systems

Enhanced Security: Embedded crypto memory chip provides a secure layer of encryption to protect sensitive data

Versatile Interoperability: Same reliable interface and identical footprint as Series 2 Mercury IO modules, enabling seamless upgrades for existing deployments

KEY FEATURES

- Compact footprint and RS-485 connectivity
- 12 or 24V DC input power support
- Supports being clustered or distributed to best suit the installation environment
- Two programmable Form C relay outputs are configurable for fail-safe or fail secure operation, supporting “On”, “Off”, and “Pulse”
- Inputs and the output relays support assignment to door related functions or to general purpose I/O
- Inputs support normally open, normally closed, supervised and non-supervised circuits
- Output relays are configurable for fail-safe or fail secure operation
- Capable of controlling outboard devices, by the condition of selected system devices locally without ACM intervention

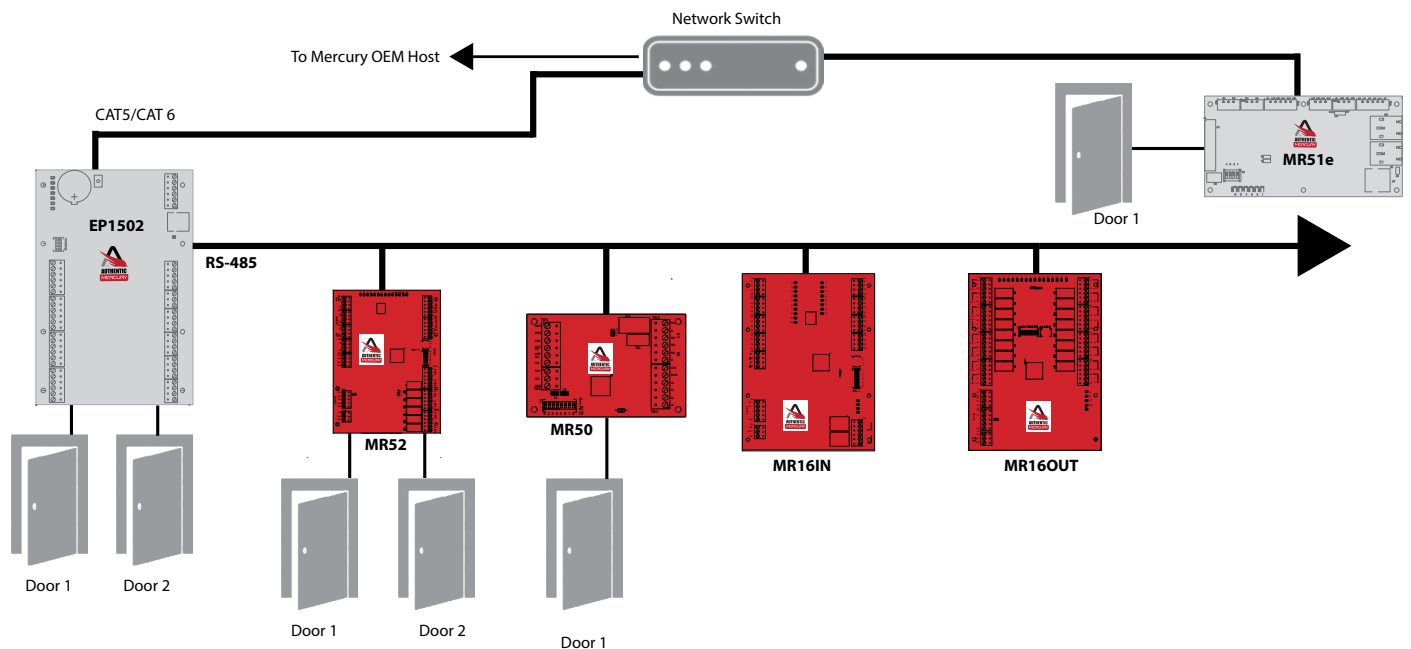


APPLICATION NOTES

The Mercury AC-MER-CONT-MR16IN is an essential component that supports Mercury’s flexible, building-block approach to access control system design. The AC-MER-CONT-MR16IN provides the capacity to link, control and respond to an array of sensors. With its RS-485 connectivity, the AC-MER-CONT-MR16IN can be clustered or distributed to best suit each installation environment.

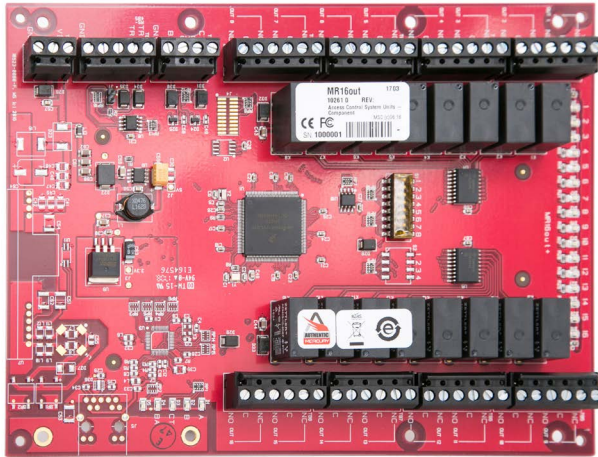
Specifications

TECHNICAL SPECIFICATIONS	Primary Power	12-24 Vdc +/- 10%, 350mA maximum
	Host Communication	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
	Inputs	16 General Purpose: Programmable circuit type 2 Dedicated: Tamper and Power Monitor
	Output Relays	Two Form-C Relays: Normally open contact (NO): 5A @ 30 Vdc resistive Normally closed contact (NC): 3A @ 30 Vdc resistive
	Dimensions	6.0' W x 8.0' L x 1.0' H, (152mm W x 203mm L x 25mm H)
	Temperature	0-70 °C operational, -55-85 °C storage
	Humidity	5 to 95% RHNC
	Standards	UL 294 recognized, CE compliant, RoHS, FCC Part 15 Subpart B
ORDERING INFORMATION	AC-MER-CONT-MR16IN	16 Zone Input Monitor Module (with 2 relays) (Mercury MR16IN-S3)



Series 3 - Serial I/O 16-output Interface panel

The Avigilon™ Access Control Manager (ACM)™ system supports open field hardware from Mercury Security allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry standard multi-device interface panels, power and communication controller boards, and intelligent controllers.



Open Architecture: High performance, reliable platform enables use of hardware with the Access Control Manager system

Easy Expansion: Adds functionality and flexibility to existing access control systems

Enhanced Security: Embedded crypto memory chip provides a secure layer of encryption to protect sensitive data

Versatile Interoperability: Same reliable interface and identical footprint as Series 2 Mercury IO modules enabling seamless upgrades for existing deployments



The Mercury Security AC-MER-CONT-MR16OUT Series 3 from Avigilon is an enhanced, high performance, reliable interface panel that offers the ability to control high concentrations of

outputs with the Access Control Manager system. It offers an improved processor and increased memory with an embedded crypto memory chip for encryption support – enabling organizations to stay ahead of internal and external threats to achieve data security.

Each AC-MER-CONT-MR16OUT is capable of supporting 16 general-purpose outputs as Form C relay contacts. Each output is configurable for fail-safe or fail secure operation, supporting “On”, “Off”, and “Pulse” commands through the AC-MER-CONT-1DR, AC-MER-CONT-2DR or the AC-MER-CONT-64DR intelligent controllers. The result is the flexibility, versatility and reliability required for demanding access control solutions.

The Access Control Manager system and Mercury Security Series 3 open field hardware provides the ultimate platform to complete the Avigilon physical access control security solution.

KEY FEATURES

- Compact footprint and RS-485 connectivity
- 12 or 24 V DC input power support
- Supports being clustered or distributed to best suit the installation environment
- Output relays support assignment to door related functions or for general purpose use
- Initiates commands by operator, by time schedules, or by events
- Output relays are configurable for fail-safe or fail secure operation
- Capable of controlling outboard devices, by the condition of selected system devices locally without ACM intervention



APPLICATION NOTES

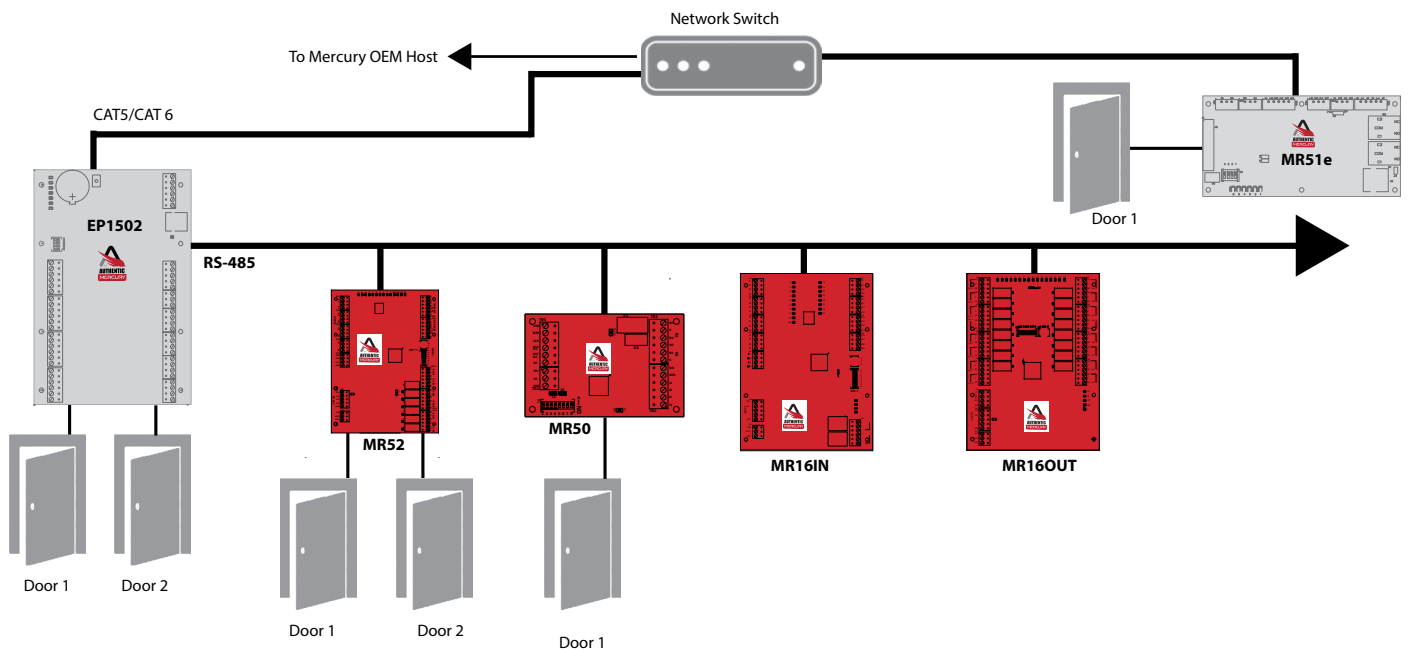
The AC-MER-CONT-MR16OUT is an essential component to support Mercury’s flexible, building-block approach to access control system design. The versatile AC-MER-CONT-MR16OUT offers unmatched power to broaden the range of devices and building controls (such as lighting or HVAC) that can be included in system design.

Relay operation can be initiated by direct operator commands, by time schedules, or by event-based procedures. The relays support “On,” “Off,” and “Pulse” commands. A pulse can range from 0.1 seconds to over 9 hours.

Specifications

TECHNICAL SPECIFICATIONS	Primary Power	12-24 Vdc +/- 10%, 1100mA maximum
	Host Communication	RS-485, 2-wire, 4,000' (twisted pair with shield, Belden 9841)
	Inputs	2 Dedicated: Tamper and Power Monitor
	Output Relays	Sixteen Form-C Relays: Normally open contact (NO): 5A @ 30 Vdc resistive Normally closed contact (NC): 3A @ 30 Vdc resistive
	Dimensions	6.0' W x 8.0' L x 1.0' H, (152mm W x 203mm L x 25mm H)
	Temperature	0-70 °C operational, -55-85 °C storage
	Humidity	5 to 95% RHNC
	Standards	UL 294 recognized, CE compliant, RoHS, FCC Part 15 Subpart B

ORDERING INFORMATION	AC-MER-CONT-MR16OUT	16 Relay Output Control Module (Mercury MR16OUT-S3)
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CITY COUNCIL REPORT

MEETING DATE: 12/14/2021
SUBMITTED FOR: Rick St. John, Deputy City Manager
DEPARTMENT: City Manager's Office

Subject

AUTHORIZATION TO ENTER INTO AMENDMENT NUMBER TWO (2) TO AGREEMENT BETWEEN CITY OF GLENDALE, AZ AND MOTOROLA SOLUTIONS, INC. FOR THE PLACEMENT OF SECURITY CAMERA SYSTEMS IN VARIOUS CITY FACILITIES.

Presented by: Rick St. John, Deputy City Manager

Purpose and Recommended Action

This is a request for the City Council to authorize the City Manager to enter into amendment two of Agreement C19-0918 with Motorola Solutions, Inc. adjusting the scope to allow replacement of the existing access control system and related hardware at various City facilities and approve an additional expenditure in an amount not to exceed \$3,529,644.69 over the entire term of the agreement. This cooperative purchase is available through an agreement between Houston-Galveston Area Council and Motorola Solutions, Inc. (Contract No. RA05-21) and is effective through July 31, 2023.

Background

Physical access control systems are a type of physical security designed to restrict or allow access to a certain area or building to protect the property from vandalism, theft, and trespassing. Physical access control systems control who, how and when a person can gain entry.

The current physical access control system and related hardware was installed approximately 20-years ago. The system is aging and requires additional upkeep and maintenance for continued reliable operation.

Analysis

The proposed Avigilon Access Control Manager (ACM) solution consists of the ACM enterprise-class, physical access control system, access control infrastructure, four hundred ninety-eight readers, and software licenses across thirty-two (32) unique sites. Intelligent locks will be deployed to reduce the need for physical keys which are easily shared or copied. In addition, the Avigilon ACM solution will integrate with Avigilon Control Center video management, offering a powerful, end-to-end security solution to monitor and secure sites which leverages existing infrastructure investments.

As of October 31, 2021, Motorola increased the price of their products ranging from 1.5% to 14% per product group. As the city was actively finalizing the scope of the project, Motorola extended the original pricing through December 17, 2021. Approval of this amendment will guarantee the current pricing through the life of the contract, but work will not begin until the beginning of the next fiscal year and is dependent upon Council approval of the CIP project during the FY22-23 budget process.

If the recommended action is approved, the purchase will be made using an agreement between Houston-Galveston Area Council and Motorola Solutions, Inc. (Contract No. RA05-21). Cooperative purchasing allows counties, municipalities, schools, colleges, and universities in Arizona to use a

contract that was competitively procured by another governmental entity or purchasing cooperative. Such purchasing helps reduce the cost of procurement, allows access to a multitude of competitively bid contracts, and provides the opportunity to take advantage of volume pricing. The Glendale City Code authorizes cooperative purchases when the solicitation process used complies with the intent of Glendale's procurement processes. This cooperative purchase is compliant with Chapter 2, Article V, Division 2, Section 2-149 of the Glendale City Code, per review by the city's procurement office.

Previous Related Council Action

On April 13, 2021, City Council authorized the City Manager to enter into amendment one of agreement C19-0918 with Motorola Solutions, Inc. adjusting the scope to allow for the placement of security camera systems in various City facilities and approve an additional expenditure in an amount not to exceed \$2,681,321.21 over the entire term of the agreement.

On October 27, 2020, City Council authorized a fund balance of \$250,000 for citywide security camera systems. In addition to these funds, Council also authorized various projects throughout City facilities and parks for needed improvements, including security camera systems where applicable.

On September 24, 2019, City Council authorized the City Manager to enter into a Computer-Aided Dispatch and Records Management Systems Services Agreement with Motorola Solutions, Inc (C19-0918).

Community Benefit/Public Involvement

A physical access control system is the backbone of enforcing security surrounding physical access to protect facilities and those working in or visiting the facilities.

Cooperative purchasing allows the city to use a contract that was competitively procured by another government entity or purchasing cooperative. Such purchasing helps reduce the cost of procurement, allows access to a multitude of competitively bid contracts, and provides the opportunity to take advantage of volume pricing.

Fiscal Impact

Fiscal Year: FY2022-23
Fiscal Year Amount: \$3,529,644.64
Requested:
Budgeted: Y/N? N
Account: Various
Transfer Required Y/N: N

Budget and Financial Impacts: Partial funding is available in various city departments' CIP budgets for buildings which are scheduled for renovations. Additional funding will be requested in the FY22-23 budget process and is contingent upon Council budget approval.

Attachments
C19-0918
Amendment

Leslie, Brittany

From: Brackett, Katy
Sent: Thursday, December 2, 2021 8:46 AM
To: Mangone, Nancy; Leslie, Brittany
Cc: St John, Richard; Merchhiya, Feroz; Chemello, Arlene; Herrera, Desaree; Abeyta, Vincent
Subject: ****URGENT** FOR REVIEW **** Motorola Amendment 2
Attachments: 2021_12_14 Avigilon Council Report DRAFT V 2.0_alc.docx; 1105 City of Glendale-ACM Proposal V3.pdf; Motorola Amendment 2 GREEN SHEET 4.29.21.docx

Importance: High

Good morning Nancy and Brittany,

Attached is the green sheet, draft council report (for reference), and SOW for Motorola Amendment #2.

The copied parties can answer any questions. We will lose a significant discount if not added to the 12/14/21 council meeting.

Thank you,



Katy Brackett
management assistant
Innovation & Technology

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P 623.930.2884
6835 N. 57th Drive STE 100
Glendale, AZ 85301

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