

SECTION IV. SCOPE OF SERVICES

4.01 SCOPE OF SERVICES -GENERAL

4.01.1 The Offeror shall enter into a contract to replace and upgrade the existing, end-of-life NEC SV8500 Release 7 communications platform to NEC Univerge SV9500 Release 8 or latest release available.

4.01.2 The contract shall include the upgrade of the UM8700 Unified Messaging Version 8.2 Platform “as is” to the current supported version.

4.01.3 The Offeror shall provide new servers as specified for the UM8700 Unified Messaging System as well as the NEC Unified Communications Manager for Enterprise (UCE) Server.

4.01.4 The contract shall include an acceptable replacement of the existing Tap-It call accounting software, inclusive of all integration and programming.

4.01.3 This contract shall include one (1) year of system support (phone and in-person as needed), for the NEC system and all included software suites.

4.01.4 The contract shall include the initial one (1) year hardware warranty as well as the NEC ESPP Extended System Protection Plan (“ESPP”), for a total of five (5) years of non-renewable hardware warranty. The ESPP Protection plan is included in the Base Bid Bill of Materials A.

4.01.5 The Offeror will include one year of NEC Software Assurance (“SWA”), as well as an option for the 3 year-NEC Software Assurance package. Software assurance license counts should be based upon NEC SWA formulas as determined by the software contained in the Bills of Materials.

4.01.6 The Offeror will include separate pricing for installation and integration of all Bills of Materials as listed in this section.

4.01.7 The Baltimore Ravens Ticket Office recently deployed a Ring Central call center software system for their Ticket Office staff that is now operating remotely. The system is on telephone numbers and a telephone account separate and distinct from the stadium’s NEC phone system and telephone service accounts. Insofar as programming is needed for setting up forwards and the like to the Ravens’ Ring Central system, that is to be included, but at present, that programming is expected to be minimal to none.

4.01.8 The State of Maryland’s prevailing wage will not be required for the duration of the Contract.

4.02 STANDARD OF CARE

4.02.1 The Offeror shall perform the services:

- (i) With the standard of care, skill and diligence normally provided by a Offeror in the performance of services similar to the services hereunder; and
- (ii) In accordance with Maryland and applicable federal laws and regulations that govern MSA and its properties.

4.02.2 Notwithstanding any review, approval, acceptance or payment for the services by MSA, the Offeror shall be responsible for the professional and technical accuracy of its work and materials furnished by it under the Contract.

4.03 DETAILED SPECIFICATIONS AND REQUIREMENTS

4.03.1 The current state of the NEC system at M&T is as follows:

- **NEC Univerge SV8500 Release 7**
 - HKC 224C-5BB2-263B-6069-3D0A-DC18-59AO
- **UM8700 Version 8.20**
 - Serial #:6563510313023
 - Current Ports Count: 60 (IP)
 - Server Type AVST CX R5500 LE
 - OS Windows Server 2008 R2 SP1
- **UCE Server**
 - Server Type NEC Express5800
 - OS Windows Server 2008 R2 SP1

4.03.2 The Offeror shall upgrade the existing, end-of-life NEC SV8500 Release 7 communications platform to NEC Univerge SV9500 Release 8 or latest available version. NEC notes that the HKC will change when CPUs are upgraded to CP03, as recommended by NEC.

4.03.3 The upgrade shall be performed using a Service Pack conversion process that provides latest CPU supported, CP03. The upgraded SV9500 appliance will be fully redundant, with dual CPU, power, and highway components. The database from the SV8500 containing configuration and user settings will be migrated “as is” to the new system.

4.03.4 Feature licensing already owned by MSA should be transferred to the new system. The following licenses will be transferred:

- Five (5) licenses for Physical PIR (Port Interface Rack)
- One (1) CCIS/FCCS Network Option
- Two (2) OAI/InfoLink C++ Runtime Instances

- Four (4) Softphone User Licenses
- Twenty-four (24) Basic User Licenses
- One (1) UMMIG Platform License
- One (1) SV-series Main Software license

4.03.5 Fifty-two (52) circuit interface packages (cards) in the SV8500 are not supported by the manufacturer for use in the Version 8 (latest) SV9500. The unsupported cards and their replacements are below.

| Unsupported | Replaced With |
|---|---|
| ○ Three (3) SPA-24PRT (SP 3029) PRI Interfaces | Three (3) SCH-24PRTA-A PRI Interfaces |
| ○ One (1) SPA-8RSTK DTMF Registers | One (1) SCH-8RSTA-A DTMF Registers |
| ○ Two (2) SPA-4DATB Announcement | One (1) SCH-DATA-A Announcement |
| ○ Eight (8) SPA-16LCBJ Analog Station | Eight (8) SCH-16LCA-A Analog Station |
| ○ Two (2) SPA-16LCBW Analog Station | Two (2) SCH-16LCA-A Analog Station |
| ○ Two (2) SPA-16LCBE UA Analog Station | Two (2) SCH-16LCA-A Analog Station |
| ○ One (1) SPA-16LCCD Analog Station | One (1) SCH-16LCA-A Analog Station |
| ○ Twenty-nine (29) SPA-16LCBH Analog Station | Twenty-nine (29) SCH-16LCA-A Analog Station |
| ○ Two (2) SPA-16COTB-A Analog Trunk | Two (2) SCH-12COTB-A Analog Trunk |
| | Two (2) SCH-M03-A GS Ground Start |
| ○ One (1) SPA-16COTB-D Analog Trunk | One (1) SCH-12COTB-A Analog Trunk |
| | One (1) SCH-M03-A GS Ground Start |
| ○ One (1) SPA-16COTBE-B Analog Trunk | One (1) SCH-12COTB-A Analog Trunk |
| | One (1) SCH-M03-A GS Ground Start |

MSA is aware of this status and has chosen to re-use some of the unsupported cards, highlighted in **red** above. The Offeror will commit to supporting the use of these circuit cards to the best of their ability (“best effort”) but will be unable to obtain manufacturer support should it become necessary. MSA recognizes that the only recourse will be to replace these cards with current supported versions if an issue caused by the cards cannot be resolved. Bill of Materials D, detailed later, allow the Offeror the option to replace more these individual unsupported equipment as budget allows.

4.03.6 The existing UM8700 Unified Messaging Version 8.2 Platform will be upgraded to version 20.4 or the latest version available. The licensing and configuration will be upgraded “as is” to the current, supported version.

4.03.7 The Offeror shall provide a new server for the UM8700 Platform. Note that the new server is *not* specifically listed in NEC Bill of Materials in Section, as it is third party hardware and software, but minimum specifications for the new server are as follows:

- **UM8700 Version 20.4 or latest**
 - Serial #:6563510313023
- **GP Server (UM8700)**
 - 2 GHz Quad Core or better CPU
 - 16GB Memory

- 500 GB Hard Drive / 3 or more drives
- RAID Controller (1 GB, RAID 0/1/5/6)
- DVD ROM Drive
- 4 Port Gigabit Lan
- Dual Power Supplies
- Windows Server Standard 2019

- Example: Dell R740 LE

4.03.8 The Offeror shall upgrade the existing NEC Unified Communications Manager for Enterprise software from UCE 2014 to the current, supported version. UCE Server is the host for UCE manager (also known as MA4000). The licensing and configuration will be upgraded “as is” to the current, supported version.

4.03.9 The Offeror shall provide a new server for the UCE Platform. Note that the new server is *not* specifically listed in NEC Bill of Materials in Section, as it is third party hardware and software, but minimum specifications for the new server are as follows:

- **GP Server (UCE)**
 - 2 GHz Quad Core or better CPU
 - 16GB Memory
 - 500 GB Hard Drive / 3 or more drives
 - RAID Controller (1 GB, RAID 0/1/5/6)
 - DVD ROM Drive
 - 4 Port Gigabit LAN
 - Dual Power Supplies
 - Windows Server Standard 2019

- Example: Dell R740 LE

4.03.10 The contract shall include the initial one (1) year hardware warranty, as well as the NEC ESPP Extended System Protection Plan (“ESPP”), for a total of five (5) years of non-renewable hardware warranty. The ESPP Protection plan NEC Part No. is **Q24-DN000000106299**.

4.03.11 The Offeror will include one (1) year of NEC Software Assurance (“SWA”, **NEC Part No. BE114545**). Software assurance license counts should be based upon NEC SWA formulas as determined by the software contained in the Bills of Materials.

4.03.12 The Offeror shall provide a call accounting software system to replace the existing TapIt Nova software suite. The call accounting software, capable of providing the ability to track all phone calls in real-time, run comprehensive reports, record all incoming and out-going calls, allocate costs to departments and projects, identify toll fraud and VoIP hacking, and analyze trunks to optimize usage.

4.02.13 The current state of the existing TapIt Nova call accounting software suite is as follows:

- Release Date: 2/9/12
- App Version: 5.0.3
- App Date: 4/24/10
- NovaSetup: 8/1/12
- Prerequisites: 9/17/12
- Extras: 8/1/12

4.03.14 The Base Bid BOM includes Metropolis Officewatch XT call accounting software (**NEC Part No. Q24-DN000000110935**). Offeror may provide additional voluntary alternates for call accounting solutions such as TapIt 6 from Trisys (or current version), and must submit appropriate product literature for review. If the alternate is deemed acceptable for consideration by MSA, an online demonstration will be required.

4.03.15 The provided call accounting suite may be deployed on the same server as the UCE.

4.03.16 The Offeror needs to replace existing battery backup system with new equipment and batteries. The new system needs to provide UPS support for 4 hours of battery support for the PBX and associated servers.

4.03.17 The current state of the existing battery backup system is as:

- Two (2) Minuteman E3000RM2U battery backup units
- Eight (8) Minuteman BP72RTXL external battery packs

4.04 DESIGN PLAN AND PROJECT PLAN

4.04.1 The Offeror will submit a Design Plan for MSA approval within fourteen (14) days of project award.

4.04.2 Once the Design Plan is approved by MSA, the Offeror will submit a detailed Project Plan to complete this project step within fourteen (14) days of approval of the Design Plan for MSA approval.

4.04.3 The following is a suggested overview of a staging plan that will begin upon completion of the Design phase:

- Ship hardware items as identified in the BoM, Project Plan and Design.
- Identify items that are shipped to Offeror's Lab for inventory, assembly, configuration, and testing as identified in the Project and Design Plan.
- Identify items that are shipped directly to customers for inventory, assembly, configuration, and testing by Offeror as identified in the Project and Design Plan.

4.04.4 The Offeror will provide a Testing Matrix Plan within fourteen (14) days of approval of the Design Plan for MSA approval, for the Offeror to follow and complete during the Deployment phase.

4.04.5 The Offeror will initiate the Project Plan upon approval by MSA. The Project Plan should include the move the new UC devices into the Production Environment, and subsequently following the approved Testing Matrix Plan to ensure the new equipment is operating as designed and expected.

4.04.6 MSA will provide to the Offeror during the Project as needed:

- On site internet connectivity as needed
- Remote internet connectivity to the system for Offeror project team engineers
- Free on-site parking

4.04.7 The Offeror will submit to MSA a schedule involving up to two (2) cutover events, including one for the PBX/VM/CA and one for other applications such as contact center. MSA reserves the right to schedule this work by the Offeror during off hours, overnight and/or on a weekend at no additional cost to MSA. The following cutover support is recommended at the cutover events, and for up to two (2) business days for the on-site support following each cutover event, and up to two (2) weeks for the Remote Help Desk:

- One (1) on-site Field Technician
- One (1) remote UC Cutover Support Engineer
- Remote Help Desk Support
 - The Remote Help Desk will provide end-users a centralized resource to create trouble tickets. The Help Desk will assign the cutover resource to resolve the end-user issue.

4.04.8 The documents to be provided by the Offeror as part of Design Plan are as follows:

- Detail Design Document
- Network Diagram (Visio) of all devices deployed as part of this project
- Testing Matrix Plan
- Project Plan (including basic IP address, hostname, and connectivity information for all devices deployed as part of this project)
- Project Plan GANNT Schedule

4.05 ASSUMPTIONS

The Offeror may assume the following:

4.05.1 The client's existing systems are in proper and functional working order. Any issues or delays resulting from a malfunction of the system that causes Offeror to troubleshoot the preexisting condition for more than 1 hour is considered to be out of scope.

4.05.2 All work will be completed during normal business hours unless stated otherwise in the Statement of Work. Appropriate outage windows will be required. Cutovers will be scheduled for after-hours.

4.05.3 Any equipment not purchased from Offeror will be available and ready for use at the start of this engagement.

4.05.4 All cabling is certified and fully functional.

4.05.5 All carrier circuits are fully functional.

4.06 TRAINING

The Offeror is to supply all training for the new system as follows:

4.06.1 Manufacturer-certified maintenance and operator training for the system, including all preventative maintenance on the system and system maintenance best practices.

4.06.2 Manufacturer-certified operations training for all third party software, including but not limited to webinars, online training videos, and printed literature

4.06.3 An end user training plan that includes printed literature and materials, videos, and online webinars.

4.06.4 All training costs including materials, travel, lodging and incidentals shall be included in the Offeror costs.

4.07 TECHNICAL SUPPORT

4.07.1 MSA utilizes a computerized maintenance system (CMMS) for scheduling and planning repairs as well as preventative maintenance. The Offeror is required to complete all assigned work orders as assigned, per provided work order procedures, including data entry into the CMMS software as directed.

4.07.2 During the warranty and extended contract terms, utilizing the contracted rates, the Offeror is expected to provide phone support to MSA within one (1) hour or better, and on-site response to all calls within twenty-four (24) hours or better, including weekends, evenings or holidays.

4.07.3 Offeror is to provide year round support both via phone and on site as detailed in the specifications herein.

4.07.4 Offeror is to provide programming support for software moves/adds/changes and additions to the control software and any devices. Offeror is also expected to provide software assurance as available for installed system software programs, and to keep all software versions up to date.

4.08 SUPERVISOR/WORK FORCE

4.08.1 Offeror shall provide a work force sufficient to complete the work as it is specified. Included in this work force shall be a competent Supervisor/Project Manager acceptable to MSA who shall be responsible for adherence to the contract requirements.

4.08.2 Offeror's Supervisor/Project Manager shall have control of all work crews assigned to perform work under this contract and is expected to be on-site during times when work crews are assigned to perform and is to be available to MSA during working hours.

4.08.3 Offeror's Supervisor/Project Manager will report without delay any damage to MSA equipment or property and shall be held responsible for the repair and/or replacement of any such damage caused by his/her crew or equipment.

4.08.4 The Offeror must meet all Federal EPA, OSHA, CDC and MDE guidelines.

4.08.5 All Work shall conform to all applicable manufacturer's specifications in addition to all federal, state, and local code requirements

4.08.6 MSA will determine which labor category shall apply for any given project. The Offeror may be requested to make a recommendation based upon the particular requirements of any given project

4.08.7 MSA has the right to determine the crew size that will be working on any project.

4.09 WORKING HOURS

The proposed price should be based upon continuous availability and access to the facilities during normal business hours (Monday-Friday, 7:00 a.m. – 3:30 p.m.), with the following exception: the cutover events, as detailed in Section 4.04.7, may be scheduled during overnight and/or weekend hours at the discretion of MSA.

4.10 COORDINATION

4.10.1 All work must be conducted in a manner which meets the approval of MSA. There may be meetings on-site between the Offeror and Contract Monitor to certify the accomplishment of work. Any specific problem area which does not meet the contract requirements set forth herein

shall be called to the attention of the Offeror along with the action required to satisfy the requirements.

4.10.2 MSA reserves the right to perform similar work by MSA forces or other contractual means in the immediate vicinity or adjacent to the work being performed by the Offeror.

4.11 OFFEROR'S USE OF PREMISES

4.11.1 The Offeror shall limit his use of the premises to the work indicated, so as to allow for MSA occupancy and use.

4.11.2 The Offeror shall confine operations at the site to the areas permitted under the contract. Portions of the site beyond areas on which work is indicated are not to be disturbed. The Offeror shall conform to site rules and regulations affecting work while engaged in contract work.

4.12 PROTECTION OF WORK/MSA PROPERTY

4.12.1 The Offeror shall provide all necessary protection of completed work to prevent damage from other work in adjacent areas.

4.12.2 Any furniture, fixtures and equipment in the work area shall be covered/protected by the successful Offeror at his/her expense. This includes tile or carpeted floors.

4.13 CLEANING

The Offeror shall maintain the work areas clean of debris at all times. Upon completion of any work project, the Offeror shall remove remaining excess materials, waste, rubbish, debris, and construction and installation equipment from the premises immediately. Any debris, dirt or stains caused by the work shall be promptly removed. Requests to leave materials, waste, rubbish, debris, and construction and installation equipment on site longer than eight (8) hours must be approved in writing by MSA in advance.

4.14 SAFETY

4.14.1 The Offeror shall take all necessary precautions for the safety of employees on the work crew to prevent accidents or injury to persons on, about, or adjacent to the premises where the work is being performed. The successful Offeror shall erect and properly maintain at all times, as required by the conditions and progress of the work, all necessary safeguards for the protection of workmen and the public and shall post danger signs warning against hazards created by such work. All work to be done in accordance with all applicable laws and codes.

4.14.2 When operating any boom lifts on site, the operator must be certified.

4.14.3 On site supervision must possess a valid OSHA ten hour safety certification.

4.14.4 Specifically, Offeror's technicians are to follow all CDC, state, and MSA CoVID health and safety guidelines.

4.15 HAZARDOUS WASTE

4.15.1 The Offeror shall handle, store, transport and dispose of hazardous waste materials in compliance with Federal and State hazardous waste laws, rules and regulations.

4.15.2 The Offeror retains ownership/possession of all waste materials generated by their work and shall be entirely responsible for the cleanup of any contamination resulting from spills or mishandling of same. The waste materials must be packaged and labeled according to MDE/EPA and DOT regulations and must be removed from MSA property within 10 working days of completion of work. The Offeror shall make every effort to minimize the generation of hazardous waste.

4.15.3 The Offeror shall handle, store, transport and dispose of hazardous waste materials in compliance with Federal and State hazardous waste laws, rules and regulations.

4.16 SECURITY PROCEDURES

4.16.1 The Offeror's employees shall be required to sign in daily at the service level security checkpoint to receive a work credential. Only employees with a valid ID will be issued a credential.

4.16.2 Offeror's technicians are to follow all CoVID access processes and procedures as applicable, including but not limited to temperature checks, verbal or application-based questionnaires, etc.

4.16.3 The Offeror will be allowed to unload materials from work trucks in the service level. When complete, the vehicle must be returned to the successful Offeror parking area.

4.16.4 Employees of the successful Offeror will at all times display their credentials when working on the premises.

4.16.5 Offeror commits to having all on-site staff follow all CoVID-19 or other related access protocols, procedures and directives as applicable, for the duration of the project.

4.17 TESTING INSPECTION

4.17.1 Periodically the MSA may engage the manufacturer to perform site visits to inspect the Offeror's workmanship and adherence to product application specifications, in addition sample locations will be physically tested to verify proper adhesion.

4.17.2 The Offeror shall remove and replace any materials found to be improperly installed.

4.18 DAMAGE/LOSS OF PROPERTY

The Offeror will be responsible for loss or damage caused by his or her employees. The Offeror shall be responsible to guarantee repairs when his/her employees were obviously negligent in the performance of their work as outlined herein. Offeror shall make reasonable and prompt restitution, by cash, replacement, or repairs, subject to the MSA's approval, for any damage for which the Offeror is liable.

4.19 TRAVEL TIME

Travel time charges and expenses will not be paid by MSA.

4.20 DAILY WORK TICKETS

The Offeror must submit, for review and approval by the Contract Monitor, a daily work ticket detailing the number of employees on site, the hours worked, and the location of the work and any materials used for any services rendered under this contract. All work tickets signed by the Contract Monitor must be presented with invoice for payment.

4.21 INVOICES

4.21.1 The Offeror shall submit invoices monthly and shall contain the complete Offeror's name, address, telephone number, contract person, Offerors FEIN, MSA Contract Number, Purchase Order Number, MSA location Name (street address), amount of work broken down into the unit cost(s) as indicated on the bid work sheet. Offeror shall have all work tickets signed daily by the Owner, and these work tickets attached to the invoice when submitted. Offeror shall also attach all receipts of materials purchased to each invoice, where materials have been provided. Invoice shall clearly indicate the mandated markup on all materials. Failure to do so may result in delay of payment.

4.21.2 Undisputed invoices will be paid within thirty (30) days of receipt by MSA's Accounts Payable Office. Please keep in mind that Maryland Stadium Authority is exempt from Maryland Sales and Use Taxes, therefore taxes shall not be added to the invoices.

4.21.3 All Invoices must be submitted to:

Maryland Stadium Authority
333 West Camden Street, Suite 500
Baltimore, Maryland 21201
Attention: Accounts Payable

Or, electronically, to invoices@mdstad.com.

4.22 BILL OF MATERIALS

4.22.1 The Offeror should price each of the Bill of Materials and any Alternates and Options separately.

4.22.2 The Bill of Materials listed below is hardware and software as recommended by the manufacturer. The Offeror is expected to provide a fully functioning system as specified, inclusive of this BOM and scope of work, and any miscellaneous item as the Offeror determines is needed to provide a fully functioning system. (Note that some items such as servers are NOT included in the BOM but are to be provided by the Offeror.)

4.22.2 The Base Bid NEC Bill of Materials is as follows:

Base Bid Bill of Materials (SV9500 BOM):

| Qty | Part No | Description |
|-----|------------------------|-----------------------------------|
| 1 | UNIVERGE SV9500 | |
| 816 | BE114311 | SV95 UCM EXT-1 LIC |
| 3 | BE113451 | BLANK PLATE-B |
| 3 | Q24-UW000000108558 | SCH-PRTA-A PA KIT |
| 1 | Q24-UW000000108555 | SCH-8RSTA-A PA KIT |
| 2 | BE118734 | SCF-CP03-B |
| 1 | Q24-UW000000108556 | SCH-DATA-A PA KIT |
| 1 | BE113323 | SV95 (MIG)-CPU COVER |
| 2 | BE116149 | OAI/INFOLINK RUNTIME INSTANCE ENT |
| 24 | Q24-UW000000107998 | SV95 BASIC USER-1 LIC |
| 1 | BE114289 | SV95 LIC. TRANSFER MAIN |
| 1 | Q24-UW000000107989 | SV95 PLATFORM LIC-UMMIG |
| 1 | Q24-FR000000133513 | UCE APPLICATION SUITE MEDIA |
| 4 | Q24-UW000000108008 | SV95 LTR SOFTPHONE USER-1 LIC |
| 1 | Q24-FR000000138376 | SV9500 CORE SOFTWARE-USB |
| 1 | Q24-FR000000142056 | SV95 V8 UC APPLIANCE VER LIC |
| 28 | BE114291 | SV95 LIC. TRANSFER PER IP EXT |
| 4 | BE114290 | SV95 LIC. TRANSFER PER PHY-PIR |
| 4 | Q24-UW000000108020 | SV95 PHY-PIR RESOURCE-1 LIC |
| 1 | BE114251 | SV95 CCIS/FCCS NETWORK OPTION |
| 1 | BE108346 | D15 ST CA(S)-A |
| 1 | BE112823 | SCG-M02-B |

| | | |
|---|--------------------|------------------------------------|
| 1 | Q24-DN000000118674 | OFFICEWATCH XT TELEMGMNT 1000 EXT. |
| 1 | BE110226 | D25 EXALM CA-A |
| 1 | BE119289 | SCG-M03-C |
| 4 | Q24-FR000000138568 | CFAST-16GB PROGRAMMED-SV95 |
| 1 | Q24-FR000000113277 | CG FRONT OVERLAYS |
| 1 | BE119285 | SCG-PC00-D |

4.22 OPTIONS – OPTION A

4.22.1 The Offeror should include optional pricing to add one *additional* PIR to the Base Bid BOM (Option A). Offeror price for Option A should be inclusive of all hardware, software, licenses, integration, programming and testing of the additional provided BOM.

4.22.2 The Offeror should also indicate any increase in cost in either the SWA or ESPP if this Option is accepted.

4.22.2 The additional Bill of Materials for Option A above and beyond the Base Bid BOM is as follows:

Option A Bill of Materials (SV9500 BOM - One Additional PIR)

| Qty | Part No | Description |
|-----|--------------------|--------------------------------|
| 2 | BE112244 | CJ-PC00 |
| 2 | BE112248 | MT24-D25 CA-C |
| 1 | BE112245 | SN8174 PIREF-A |
| 1 | BE112246 | SN1769 PWRMAD |
| 2 | BE112842 | D26-D25 TSW-PIR CA-B |
| 1 | BE112835 | D09 POW CA-A |
| 1 | BE112834 | SCA-M01-A |
| 2 | BE112943 | D37-SC50 CA-E |
| 18 | BE112171 | SCH-16LCA-A |
| 2 | BE113492 | SPZ-SW26-A |
| 1 | BE112836 | SN8179 TSWBEA-A |
| 1 | BE110226 | D25 EXALM CA-A |
| 1 | BE107133 | D37 EXCLK CA-A |
| 1 | BE114290 | SV95 LIC. TRANSFER PER PHY-PIR |
| 1 | Q24-UW000000108020 | SV95 PHY-PIR RESOURCE-1 LIC |

4.23 OPTIONS – OPTION B

4.23.1 The Offeror should include optional pricing to replace individual circuit cards in the Owner's system, defined as Option B). Offeror price for Option B should be inclusive of all hardware, software, licenses, integration, programming and testing of the additional provided card.

4.23.2 Pricing for Option B should be on a per card basis.

4.23.3 Owner may elect to replace single or multiple cards at one time, based upon this per card cost. Option B pricing may also be used for budgetary purposes for future migration of existing aging analog cards in the Owner's system to the current model.

4.23.4 The Bill of Materials for Option B is as follows:

Option B Bill of Materials (SV9500 BOM – Individual Circuit Cards Replaced as Needed)

| Qty | Part No | Description |
|-----|--------------------|--------------------|
| 1 | BE114113 | SCH-12COTB-A |
| 1 | BE114127 | SCH-M03-A GS |
| 1 | BE112171 | SCH-16LCA-A |
| 1 | Q24-UW000000108562 | SCH-16LCA-A PA KIT |

4.24 OPTIONS – OPTION C

4.24.1 The Offeror is to provide pricing for a 3-Year NEC SWA package as Option C.

4.24.2 Software assurance license counts should be based upon NEC SWA formulas as determined by the hardware contained in the BOM and in Option A.

4.24.3 Prices should be listed separately for the 3-Year SWA for the Base Bid BOM as well as Base Bid + Option A, as referenced on Attachment B-1 - Financial Proposal Form.