

# FCC Form 470 – Funding Year 2023

Form 470 Application Number: 230014839 PEPPM Supplemental Bid - FY 2023

### **Billed Entity**

PA State PEPPM Consortium (Central Susquehanna Intermediate Unit) 90 Lawton Lane Milton, PA 17847 Northumberland 570-523-1155 itschell@comcast.net

**Billed Entity Number: 17000299** FCC Registration Number: 0011729043

**Application Type** 

**Applicant Type:** Consortium Statewide State: PA

Recipients of Services: Bookmobile; Charter School; Detention Center; ESA School; General-Use School; Head Start; Juvenile Justice; Kiosk; Main Branch; New Construction

Library; New Construction School; Pre-K; Swing Space

## **Contact Information**

Amber Lind alind@csiu.org 570-246-5937

**Number of Eligible Entities: 760** Statewide Application Represents: All public schools/districts in the state; All non-public schools in the state; All libraries in the state

### **Consulting Firms**

| Name                             | Consultant          | Phone        | Email                |
|----------------------------------|---------------------|--------------|----------------------|
|                                  | Registration Number | Number       |                      |
| Tritt Schell Consulting Services | 16043685            | 717-730-7133 | jtschell@comcast.net |

#### **Consultants**

| Name               | Phone Number | Email                |
|--------------------|--------------|----------------------|
| Julie Tritt Schell | 717-730-7133 | jtschell@comcast.net |

#### **RFPs**

| Id     | Name   |
|--------|--|
| 151660 | Erate_Category_List_PEPPM_2023_Supplemental_Product_Line_Bid |
| 151661 | PEPPM 2023 Supplemental Product Line Bid Files               |
| 151662 | PEPPM_2023_Supplemental_Product_Line_Terms_and_Conditions    |
| 155956 | Amendment 1 Combined Files                                   |

#### **Category One Service Requests**

|                          |                   |                |          |          |          |          |      | Installation   |                 |
|--------------------------|-------------------|----------------|----------|----------|----------|----------|------|----------------|-----------------|
|                          |                   | Function Other | Minimum  | Maximum  |          |          |      | and Initial    |                 |
| Service Type             | Function          | Description    | Capacity | Capacity | Entities | Quantity | Unit | Configuration? | Associated RFPs |
| Data Transmission and/or | Category One      |                | 10 Mbps  | 100 Gbps | 760      | 1        | Each | Yes            | 151660, 151661, |
| Internet Access          | Network Equipment |                |          |          |          |          |      |                | 151662, 155956  |
| Data Transmission and/or | Category One      |                | 10 Mbps  | 100 Gbps | 760      | 1        | Each | Yes            | 151660, 151661, |
| Internet Access          | Maintenance and   |                |          |          |          |          |      |                | 151662, 155956  |
|                          | Operations        |                |          |          |          |          |      |                |                 |

## **Description of Other Functions**

Id Name

## **Narrative**

This RFP is for the supplemental bid for additional product lines to be added to the PA State Master PEPPM Contract. There are over 300 product lines included in this procurement, of which 28 offer E-rate eligible products/services. Each eligible product line has been added to the Form 470 as Category 2 for each unique category of service it serves, for both internal connections, & basic maintenance. Further, the product lines featuring network-related equipment also are included as a Category 1 Network Equipment and Category 1 Maintenance and Operations bids. Also, the form does not permit the addition of manufacturer name to the managed internal broadband (MIBS) category, so a single entry has been made for all product lines being bid representing that category. Vendors interested in adding equivalent product lines should note the specific process, requirements and timeline for doing so in the Bid Documents.

The current Form 470 format requires the unit quantity. The PEPPM Contract is bid on the quantity of one to establish a unit contract price. A single contract is then signed with the lowest responsible, qualified bidder for each product line. Because PEPPM is considered a multiple award contract, applicants then conduct an E-rate mini-bid process - described in the RFP Terms and Conditions - by seeking bids for specific products/services/quantities from all awarded product lines in the specific category.

Note: the Form 470 states that the PA State PEPPM Consortium (Central Susquehanna Intermediate Unit) is the Billed Entity which is not accurate. Although CSIU will sign a single contract with the lowest responsible, qualified bidder for each product line, each LEA will sign its own separate contract with the lowest responsible bidder resulting from a PEPPM mini-bid procurement and file the Form 471 as their own Billed Entity.

The Form 470 also requires the number of entities served. In PA, all public schools, nonpublic schools and libraries may purchase from this cooperative purchasing contract. However, more than 760 specific PA schools, libraries and consortia have submitted electronic E-rate Letters of Agency and may be use this contract for E-rate eligible purchases. Prospective bidders should note that this is the maximum number of entities that may be seeking mini-bids from awarded vendors, not the actual number of entities that will be requesting mini-bids. Since FY 2019, more than \$96 million has been requested as the pre-discount cost for E-rate eligible equipment using the PA State PEPPM Contract mini-bid procurement process.

The E-rate eligible product lines, or their equivalents, included on this 470 are as follows:

Actnet AES Intellinet

Adtran

Baicells Technologies

Barracuda

Belden

Citrix

Cylance

D-Link

Digium

EnGenius

F5 Networks

Fluke

Infoblox

Lenovo Global Technologies

McAfee

Mimosa Networks

Minuteman

N1 Critical Technologies

Orion Power Systems

Pulse Secure

Samsung - Networking/Voice

Secureworks

SolarWinds

Sophos

Terracom

Trend Micro

**Vertical Communications** 

WatchGuard

All bidding documents are included in this RFP; however, vendors that wish to download the bidding documents outside of EPC may do so at: https://www.peppm.org/bids/default.htm. These are the identical documents that are attached to the online Form 470. The term of the contracts shall be May 1, 2023 - December 31, 2025, with a 1-year optional extension, unless otherwise terminated or cancelled. All disqualification criteria are listed in the Terms and Conditions of the attached RFP.

Vendors should review all of the bid documents carefully before submitting questions. Questions must be submitted to Amber Lind, PEPPM Cooperative Purchasing Programs Manager at alind@csiu.org by the due date outlined in the RFP. The deadline to submit proposals is Tuesday, March 14, 2023 at 3:00 p.m. Eastern.

|                               |                        |              | 1                  |             |          |         | Installation   |                                       |
|-------------------------------|------------------------|--------------|--------------------|-------------|----------|---------|----------------|---------------------------------------|
|                               |                        |              | Manufacturer Other |             |          |         | and Initial    |                                       |
| Service Type                  | Function               | Manufacturer | Description        | Entities    | Quantity | Unit    | Configuration? | Associated RFPs                       |
| Basic Maintenance of Internal | Antennas, Connectors,  | Other        | 1                  | 760         | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | and Related Components |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Antennas, Connectors,  | Other        | 2                  | 760         | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | and Related            | o the        | _                  | 700         |          | - Zucii | 100            | 151662, 155956                        |
|                               |                        |              |                    |             |          |         |                | 131002, 133930                        |
|                               | Components             | 0.0          |                    | <b>T</b> CO | _        |         |                |                                       |
| Basic Maintenance of Internal | Antennas, Connectors,  | Other        | 2                  | 760         | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | and Related            |              |                    |             |          |         |                | 151662, 155956                        |
|                               | Components             |              |                    |             |          |         |                |                                       |
| Internal Connections          | Cabling                | Other        | 4                  | 760         | 1        | Feet    | Yes            | 151660, 151661,                       |
|                               |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Cabling                | Other        | 4                  | 760         | 1        | Feet    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Cabling                | Other        | 6                  | 760         | 1        | Feet    | Yes            | 151660, 151661,                       |
|                               |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Cabling                | Other        | 6                  | 760         | 1        | Feet    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Cabling                | Other        | 8                  | 760         | 1        | Feet    | Yes            | 151660, 151661,                       |
|                               | Custing                |              |                    |             | 1        | 1300    | 150            | 151662, 155956                        |
| Dagia Majutay F.T. /          | Coblin -               | Other        | 0                  | 7.0         | 1        | Ec.4    |                | · · · · · · · · · · · · · · · · · · · |
| Basic Maintenance of Internal | Cabling                | Other        | 8                  | 760         | 1        | Feet    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Cabling                | Other        | 10                 | 760         | 1        | Feet    | Yes            | 151660, 151661,                       |
|                               |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Cabling                | Other        | 10                 | 760         | 1        | Feet    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Cabling                | Other        | 12                 | 760         | 1        | Feet    | Yes            | 151660, 151661,                       |
|                               |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Cabling                | Other        | 12                 | 760         | 1        | Feet    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Caching and Necessary  | Other        | 14                 |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Software and Licenses  |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Caching                | Other        | 14                 | +           | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | Caching                | Other        | 14                 |             | 1        | Each    |                | 151662, 155956                        |
|                               | G II IV                | 04           | 16                 |             |          | ъ. 1    | *7             |                                       |
| Internal Connections          | Caching and Necessary  | Other        | 16                 |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Software and Licenses  |              |                    |             |          |         |                | 151662, 155956                        |
| Basic Maintenance of Internal | Caching                | Other        | 16                 |             | 1        | Each    |                | 151660, 151661,                       |
| Connections                   |                        |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Firewall Service,      | Barracuda or |                    |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Components, and        | equivalent   |                    |             |          |         |                | 151662, 155956                        |
|                               | Necessary Software     |              |                    |             |          |         |                |                                       |
|                               | and Licenses           |              |                    |             |          |         |                |                                       |
| Basic Maintenance of Internal | Firewall Service and   | Barracuda    |                    | 760         | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | Components             |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Firewall Service,      | Other        | 14                 |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Components, and        |              |                    |             |          |         |                | 151662, 155956                        |
|                               | Necessary Software     |              |                    |             |          |         |                | 101000, 100700                        |
|                               | and Licenses           |              |                    |             |          |         |                |                                       |
| Davis Mainton                 |                        | Other        | 14                 | 7.0         | 1        | Ecb     |                | 151600 15100                          |
| Basic Maintenance of Internal | Firewall Service and   | Other        | 14                 | 760         | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | Components             |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Firewall Service,      | Other        | 20                 |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Components, and        |              |                    |             |          |         |                | 151662, 155956                        |
|                               | Necessary Software     |              |                    |             |          |         |                |                                       |
|                               | and Licenses           |              |                    |             |          |         |                |                                       |
| Basic Maintenance of Internal | Firewall Service and   | Other        | 20                 | 760         | 1        | Each    |                | 151660, 151661,                       |
| Connections                   | Components             |              |                    |             |          |         |                | 151662, 155956                        |
| Internal Connections          | Firewall Service,      | Other        | 22                 |             | 1        | Each    | Yes            | 151660, 151661,                       |
|                               | Components, and        |              |                    |             |          |         |                | 151662, 155956                        |
|                               | Necessary Software     |              |                    |             |          |         |                | , , , ,                               |
|                               | and Licenses           |              |                    |             |          |         |                |                                       |
|                               | Firewall Service and   | Other        | 22                 | 760         |          |         |                | 151660, 151661,                       |
| Basic Maintenance of Internal |                        |              |                    |             | 1        | Each    |                |                                       |

|                               |                       |              | Manufacturer Other |          |          |        | Installation<br>and Initial |                                   |
|-------------------------------|-----------------------|--------------|--------------------|----------|----------|--------|-----------------------------|-----------------------------------|
| Service Type                  | Function              | Manufacturer | Description        | Entities | Quantity | Unit   | Configuration?              | Associated RFPs                   |
| Internal Connections          | Firewall Service,     | Other        | 16                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 16                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 26                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 26                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 28                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 28                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 30                 | 1        | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 30                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            | Other        | 30                 | 700      | 1        | Lacii  |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 32                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
| Internal Connections          | Components, and       | Other        | 32                 |          | 1        | Each   | ies                         | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             | 131002, 133930                    |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| D. d. M. dutuman              |                       | Other        | 22                 | 7.00     | 1        | El-    |                             | 151660 151661                     |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 32                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            | 0.7          |                    |          | _        |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 34                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 34                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 1                  |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 1                  | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 38                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 38                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Firewall Service,     | Other        | 40                 |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Components, and       |              |                    |          |          |        |                             | 151662, 155956                    |
|                               | Necessary Software    |              |                    |          |          |        |                             |                                   |
|                               | and Licenses          |              |                    |          |          |        |                             |                                   |
| Basic Maintenance of Internal | Firewall Service and  | Other        | 40                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Components            |              |                    |          |          |        |                             | 151662, 155956                    |
| Internal Connections          | Routers and Necessary | Other        | 42                 | 1        | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Software and Licenses |              |                    |          | -        |        |                             | 151662, 155956                    |
| Basic Maintenance of Internal | Routers               | Other        | 42                 | 760      | 1        | Each   |                             | 151660, 151661,                   |
| Connections                   | Routers               | Other        | ***                | 700      | 1        | Lacii  |                             | 151660, 151661,<br>151662, 155956 |
|                               | Donto 127             | Other        | 1                  | +        | 1        | 172. 1 | *7                          | -                                 |
| Internal Connections          | Routers and Necessary | Other        | 4                  |          | 1        | Each   | Yes                         | 151660, 151661,                   |
|                               | Software and Licenses | 1            | 1                  | 1        | 1        | I      | 1                           | 151662, 155956                    |

| Service Type Basic Maintenance of Internal   | Function Routers                                   | Manufacturer<br>Other | Manufacturer Other Description | Entities 760 | Quantity 1 | Unit<br>Each | Installation<br>and Initial<br>Configuration? | Associated RFPs 151660, 151661,                     |
|--|--|-----------------------|--------------------------------|--------------|------------|--------------|---|---|
| Connections  Internal Connections            | Routers and Necessary<br>Software and Licenses     | Other                 | 22                             |              | 1          | Each         | Yes   | 151662, 155956<br>151660, 151661,<br>151662, 155956 |
| Basic Maintenance of Internal<br>Connections | Routers  | Other                 | 22                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Routers and Necessary<br>Software and Licenses     | Other                 | 48                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Routers  | Other                 | 48                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Routers and Necessary<br>Software and Licenses     | Other                 | 1                              |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Routers  | Other                 | 1                              | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Routers and Necessary<br>Software and Licenses     | Other                 | 2                              |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Routers  | Other                 | 2                              | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 42                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 42                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 4                              |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 4                              | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 22                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 22                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 60                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 60                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 62                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 62                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 64                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 64                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 48                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 48                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| Internal Connections                         | Switches and<br>Necessary Software<br>and Licenses | Other                 | 32                             |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |
| Basic Maintenance of Internal<br>Connections | Switches   | Other                 | 32                             | 760          | 1          | Each         |   | 151660, 151661,<br>151662, 155956                   |
| <b>Internal Connections</b>                  | Switches and<br>Necessary Software<br>and Licenses | Other                 | 2                              |              | 1          | Each         | Yes   | 151660, 151661,<br>151662, 155956                   |

|                               |  |              |                    |          |          |        | Installation   |                                   |
|-------------------------------|--|--------------|--------------------|----------|----------|--------|----------------|-----------------------------------|
|                               |  |              | Manufacturer Other |          |          |        | and Initial    |                                   |
| Service Type                  | Function                                     | Manufacturer | Description        | Entities | Quantity | Unit   | Configuration? | Associated RFPs                   |
| Basic Maintenance of Internal | Switches                                     | Other        | 2                  | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   |  |              |                    |          |          |        |                | 151662, 155956                    |
| Internal Connections          | Uninterruptable                              | Other        | 72                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup and Necessary                         |              |                    |          |          |        |                |                                   |
|                               | Software and Licenses                        |              |                    |          |          |        |                |                                   |
| Basic Maintenance of Internal | Uninterruptable                              | Other        | 72                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup                                       | 0.1          |                    |          |          |        |                | 454.000 454.004                   |
| Internal Connections          | Uninterruptable                              | Other        | 74                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup and Necessary                         |              |                    |          |          |        |                |                                   |
|                               | Software and Licenses                        |              |                    |          |          |        |                |                                   |
| Basic Maintenance of Internal | Uninterruptable                              | Other        | 74                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup                                       |              |                    |          | _        |        | <br>           |                                   |
| Internal Connections          | Uninterruptable                              | Other        | 76                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup and Necessary                         |              |                    |          |          |        |                |                                   |
|                               | Software and Licenses                        |              |                    |          |          |        |                |                                   |
| Basic Maintenance of Internal | Uninterruptable                              | Other        | 76                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | Power Supply/Battery                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Backup                                       |              |                    |          | _        |        | <br>           |                                   |
| Internal Connections          | Wireless Access                              | Other        | 78                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Points and Necessary                         |              |                    |          |          |        |                | 151662, 155956                    |
| D 13514 074 1                 | Software and Licenses                        | 0.0          | 70                 | 7.00     |          |        |                | 151600 151601                     |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 78                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | ****   | 0.0          | 40                 |          |          |        | *7             | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 42                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Points and Necessary                         |              |                    |          |          |        |                | 151662, 155956                    |
|                               | Software and Licenses                        | 0.7          |                    | ===      |          |        |                | 4.000 4.000                       |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 42                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | ****   | Od           | 4                  |          |          | F 1    | *7             | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 4                  |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Points and Necessary                         |              |                    |          |          |        |                | 151662, 155956                    |
| Desir Meintenan e Claterral   | Software and Licenses                        | Other        | 4                  | 7.00     |          | EL     |                | 151600 151661                     |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 4                  | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | Wireless Access                              | Other        | 22                 |          |          | Eb     | ¥7             | 151662, 155956                    |
| Internal Connections          |  | Other        | 22                 |          | 1        | Each   | Yes            | 151660, 151661,<br>151662, 155956 |
|                               | Points and Necessary                         |              |                    |          |          |        |                | 151002, 155950                    |
| Basic Maintenance of Internal | Software and Licenses Wireless Access Points | Other        | 22                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | Wifeless Access Foliits                      | Other        | 22                 | 700      | 1        | Each   |                | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 62                 | 1        | 1        | Each   | Yes            | 151660, 151661,                   |
| ancernar Connections          | Points and Necessary                         | Other        | 02                 |          | *        | Each   | 105            | 151662, 155956                    |
|                               | Software and Licenses                        |              |                    |          |          |        |                | 101004, 100730                    |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 62                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | THE GESS ACCESS I UIIIIS                     | Other        | 0.2                | 7.00     | •        | Latin  |                | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 48                 |          | 1        | Each   | Yes            | 151660, 151661,                   |
|                               | Points and Necessary                         | J            |                    |          | 1        | 2.0011 | 200            | 151662, 155956                    |
|                               | Software and Licenses                        |              |                    |          |          |        |                |                                   |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 48                 | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | I closs recess I tills                       | J            |                    |          | 1        | 2.0011 |                | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 1                  |          | 1        | Each   | Yes            | 151660, 151661,                   |
| Connections                   | Points and Necessary                         | Julie        |                    |          | 1        | Lucii  | 100            | 151662, 155956                    |
|                               | Software and Licenses                        |              |                    |          |          |        |                | 101032, 103730                    |
| Basic Maintenance of Internal | Wireless Access Points                       | Other        | 1                  | 760      | 1        | Each   |                | 151660, 151661,                   |
| Connections                   | THE CLOSS FACCESS I UNITS                    | Other        | -                  | 7.00     | 1        | Edili  |                | 151662, 155956                    |
| Internal Connections          | Wireless Access                              | Other        | 2                  |          | 1        | Each   | Yes            | 151662, 155956                    |
| internal Connections          | Points and Necessary                         | Julei        |                    |          | 1        | Each   | 105            | 151662, 155956                    |
|                               | r omes and recessary                         |              |                    |          |          | 1      |                | 151002, 155950                    |

|                               |                        |              |  |          |          |       | Installation   |                 |
|-------------------------------|------------------------|--------------|--|----------|----------|-------|----------------|-----------------|
|                               |                        |              | Manufacturer Other   |          |          |       | and Initial    |                 |
| Service Type                  | Function               | Manufacturer | Description  | Entities | Quantity | Unit  | Configuration? | Associated RFPs |
| Basic Maintenance of Internal | Wireless Access Points | Other        | 2  | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 78   |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 78   | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 42   |          | 1        | Each  | Yes            | 151660, 151661, |
| internal Connections          |                        | Other        | 42   |          | 1        | Each  | Tes            |                 |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 42   | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 4  |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 4  | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 22   |          | 1        | Each  | Yes            | 151660, 151661, |
| internal Connections          |                        | Other        | 22   |          | 1        | Each  | ies            |                 |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 22   | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 62   |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 62   | 760      | 1        | Each  |                | 151660, 151661, |
|                               | Wireless Controllers   | Other        | 02   | 700      | 1        | Lacii |                |                 |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 48   |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 48   | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 32   |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 32   | 760      | 1        | Each  |                | 151660, 151661, |
|                               | Wireless Controllers   | Other        | 32   | 700      | 1        | Each  |                |                 |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 1  |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 1  | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Wireless Controllers   | Other        | 2  |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Necessary          |              |  |          |          |       |                | 151662, 155956  |
|                               | Software and Licenses  |              |  |          |          |       |                |                 |
| Pagia Maintaranas of I-+1     |                        | Other        | 2  | 760      | 1        | Fook  |                | 151660 151661   |
| Basic Maintenance of Internal | Wireless Controllers   | Other        | 2  | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   |                        |              |  | 1        |          |       | -              | 151662, 155956  |
| Internal Connections          | Firewall Service,      | Other        | 112  |          | 1        | Each  | Yes            | 151660, 151661, |
|                               | Components, and        |              |  |          |          |       |                | 151662, 155956  |
|                               | Necessary Software     |              |  |          |          |       |                |                 |
|                               | and Licenses           |              |  |          |          |       |                |                 |
| Basic Maintenance of Internal | Firewall Service and   | Other        | 112  | 760      | 1        | Each  |                | 151660, 151661, |
| Connections                   | Components             |              |  |          |          |       |                | 151662, 155956  |
|                               |                        |              |  | 760      |          |       |                |                 |
| Managed Internal Broadband    | Leased Equipment       |              |  | /00      |          |       |                | 151660, 151661, |
| Services                      |                        |              |  |          |          |       |                | 151662, 155956  |
| Managed Internal Broadband    | Existing Equipment     |              |  | 760      |          |       |                | 151660, 151661, |
| Services                      |                        |              |  |          |          |       |                | 151662, 155956  |
| Internal Connections          | Antennas, Connectors,  | Other        | 78   | 760      | 1        | Each  | Yes            | 151660, 151661, |
|                               | and Related            |              |  |          |          |       |                | 151662, 155956  |
|                               |                        |              | and the second s |          |          |       |                |                 |

|                               |                       |                     | Manufacturer Other |          |          |         | Installation<br>and Initial |                 |
|-------------------------------|-----------------------|---------------------|--------------------|----------|----------|---------|-----------------------------|-----------------|
| Service Type                  | Function              | Manufacturer        | Description        | Entities | Quantity | Unit    | Configuration?              | Associated RFPs |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 115                | 760      | 1        | Each    | Configuration:              | 151660, 151661, |
| Connections                   | and Related           | Other               | 113                | 700      | 1        | Each    |                             | 151662, 155956  |
| Johncetons                    | Components            |                     |                    |          |          |         |                             | 131002, 133330  |
| internal Connections          | Antennas, Connectors, | Adtran or           |                    | 760      | 1        | Each    | Yes                         | 151660, 151661, |
| internal confections          | and Related           | equivalent          |                    | 700      | 1        | Dacii   | 103                         | 151662, 155956  |
|                               | Components            | equivalent          |                    |          |          |         |                             | 131002, 133330  |
| Basic Maintenance of Internal | Antennas, Connectors, | Adtran              |                    | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           | rideran:            |                    | 700      | 1        | Dacii   |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             | 101002, 100500  |
| nternal Connections           | Antennas, Connectors, | Other               | 4                  | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           | o their             |                    | 700      | 1        | - Lucii |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 117                | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | Belden or quivalent |                    | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Belden              |                    | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | D-Link or           |                    | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           | equivalent          |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            | _                   |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | D-Link              |                    | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Internal Connections          | Antennas, Connectors, | Other               | 60                 | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 119                | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | Other               | 62                 | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 121                | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Internal Connections          | Antennas, Connectors, | Other               | 8                  | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 123                | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | Other               | 64                 | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 64                 | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | Other               | 48                 | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| Basic Maintenance of Internal | Antennas, Connectors, | Other               | 48                 | 760      | 1        | Each    |                             | 151660, 151661, |
| Connections                   | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            |                     |                    |          |          |         |                             |                 |
| nternal Connections           | Antennas, Connectors, | Other               | 32                 | 760      | 1        | Each    | Yes                         | 151660, 151661, |
|                               | and Related           |                     |                    |          |          |         |                             | 151662, 155956  |
|                               | Components            | I                   | 1                  | 1        | 1        | I       |                             |                 |

|                               |                       |              |                    |          |          |      | Installation   |                 |
|-------------------------------|-----------------------|--------------|--------------------|----------|----------|------|----------------|-----------------|
|                               |                       |              | Manufacturer Other |          |          |      | and Initial    |                 |
| Service Type                  | Function              | Manufacturer | Description        | Entities | Quantity | Unit | Configuration? | Associated RFPs |
| Basic Maintenance of Internal | Antennas, Connectors, | Other        | 32                 | 760      | 1        | Each |                | 151660, 151661, |
| Connections                   | and Related           |              |                    |          |          |      |                | 151662, 155956  |
|                               | Components            |              |                    |          |          |      |                |                 |
| Internal Connections          | Antennas, Connectors, | Other        | 1                  | 760      | 1        | Each | Yes            | 151660, 151661, |
|                               | and Related           |              |                    |          |          |      |                | 151662, 155956  |
|                               | Components            |              |                    |          |          |      |                |                 |

**Description of Other Manufacturers** 

| <u>Description</u> | n of Other Manufacturers                                     |
|--------------------|--|
| Id                 | Name   |
| 1                  | Sophos or equivalent   |
| 2                  | Vertical Communications or equivalent                        |
| 3                  | Vertical Communications or equivalent                        |
| 4                  | Baicells Technologies or equivalent                          |
| 5                  | Baicells Technologies or equivalent                          |
| 6                  | Belden or equivalent   |
| 7                  | Belden or equivalent   |
| 8                  | Fluke or equivalent  |
| 9                  | Fluke or equivalent  |
| 10                 | Mimosa Networks or equivalent                                |
| 11                 | Mimosa Networks or equivalent                                |
| 12                 | Terracom or equivalent                                       |
| 13                 | Terracom or equivalent                                       |
| 14                 | Citrix or equivalent   |
| 15                 | Citrix or equivalent   |
| 16                 | F5 Networks or equivalent                                    |
| 17                 | F5 Networks or equivalent                                    |
| 18                 | Citrix or equivalent   |
| 19                 | Citrix or equivalent  Citrix or equivalent                   |
| 20                 | Cylance or equivalent  |
| 21                 | Cylance or equivalent  |
| 22                 | D-Link or equivalent   |
| 23                 | D-Link or equivalent   |
| 24                 | F5 Networks or equivalent                                    |
| 25                 | F5 Networks or equivalent                                    |
| 26                 | Infoblox or equivalent                                       |
| 27                 | Infoblox or equivalent                                       |
| 28                 | McAfee or equivalent   |
| 29                 | McAfee or equivalent   |
| 30                 | Pulse Secure or equivalent                                   |
| 31                 | Pulse Secure or equivalent                                   |
| 32                 | Samsung - Networking/Voice or equivalent                     |
| 33                 | Samsung - Networking/Voice or equivalent                     |
| 34                 | SolarWinds or equivalent                                     |
| 35                 | Solar Winds or equivalent  Solar Winds or equivalent         |
| 36                 | Sophos or equivalent   |
| 37                 | Sophos or equivalent  Sophos or equivalent                   |
| 38                 | Trend Micro or equivalent                                    |
| 39                 | Trend Micro or equivalent  Trend Micro or equivalent         |
| 40                 | WatchGuard or equivalent                                     |
| 41                 | WatchGuard or equivalent  WatchGuard or equivalent           |
| 42                 | Adtran or equivalent   |
| 43                 | Adtran or equivalent  Adtran or equivalent                   |
| 44                 | Baicells Technologies or equivalent                          |
| 45                 | Baicells Technologies or equivalent                          |
| 46                 | D-Link or equivalent   |
| 47                 | D-Link or equivalent  D-Link or equivalent                   |
| 48                 | Mimosa Networks or equivalent                                |
| 48                 | Mimosa Networks or equivalent  Mimosa Networks or equivalent |
| 50                 | Sophos or equivalent   |
| 30                 | Suprius of equivalent  |

| Id  | Name   |
|-----|--|
| 51  | Sophos or equivalent   |
| 52  | Vertical Communications or equivalent  |
| 53  | Vertical Communications or equivalent  Vertical Communications or equivalent |
| 54  | Adtran or equivalent   |
| 55  |  |
|     | Adtran or equivalent   |
| 56  | Baicells Technologies or equivalent  |
| 57  | Baicells Technologies or equivalent  |
| 58  | D-Link or equivalent   |
| 59  | D-Link or equivalent   |
| 60  | Digium or equivalent   |
| 61  | Digium or equivalent   |
| 62  | EnGenius or equivalent   |
| 63  | EnGenius or equivalent   |
| 64  | Lenovo Global Technologies or equivalent                                     |
| 65  | Lenovo Global Technologies or equivalent                                     |
| 66  | Mimosa Networks or equivalent  |
| 67  | Mimosa Networks or equivalent  |
| 68  | Samsung - Networking/Voice or equivalent                                     |
| 69  | Samsung - Networking/Voice or equivalent                                     |
| 70  | Vertical Communications or equivalent  |
| 71  | Vertical Communications or equivalent  |
| 72  | Minuteman or equivalent  |
| 73  | Minuteman or equivalent  |
| 74  | N1 Critical Technologies or equivalent                                       |
| 75  | N1 Critical Technologies or equivalent                                       |
| 76  | Orion Power Systems or equivalent  |
| 77  | Orion Power Systems or equivalent  |
| 78  | Actnet AES Intellinet or equivalent  |
| 79  | Actnet AES Intellinet or equivalent  |
| 80  | Adtran or equivalent   |
| 81  | Adtran or equivalent  Adtran or equivalent                                   |
| 82  | Baicells Technologies or equivalent  |
| 83  | Baicells Technologies or equivalent  Baicells Technologies or equivalent     |
| 84  | D-Link or equivalent   |
| 85  | D-Link or equivalent  D-Link or equivalent                                   |
| 86  | EnGenius or equivalent   |
| 87  | EnGenius or equivalent  EnGenius or equivalent                               |
| 88  | Mimosa Networks or equivalent  |
|     |  |
| 90  | Mimosa Networks or equivalent  |
|     | Sophos or equivalent   |
| 91  | Sophos or equivalent   |
| 92  | Vertical Communications or equivalent  |
| 93  | Vertical Communications or equivalent  |
| 94  | Actnet AES Intellinet or equivalent  |
| 95  | Actnet AES Intellinet or equivalent  |
| 96  | Adtran or equivalent   |
| 97  | Adtran or equivalent   |
| 98  | Baicells Technologies or equivalent  |
| 99  | Baicells Technologies or equivalent  |
| 100 | D-Link or equivalent   |
| 101 | D-Link or equivalent   |
| 102 | EnGenius or equivalent   |
| 103 | EnGenius or equivalent   |
| 104 | Mimosa Networks or equivalent  |
| 105 | Mimosa Networks or equivalent  |
| 106 | Samsung - Networking/Voice or equivalent                                     |
| 107 | Samsung - Networking/Voice or equivalent                                     |
| 108 | Sophos or equivalent   |
| 109 | Sophos or equivalent   |
| 110 | Vertical Communications or equivalent  |
| 111 | Vertical Communications or equivalent  |
|     | -  |

| Id  | Name                                     |
|-----|--|
| 112 | Secureworks or equivalent                |
| 113 | Secureworks or equivalent                |
| 114 | Actnet AES Intellinet or equivalent      |
| 115 | Actnet AES Intellinet                    |
| 116 | Baicells Technologies or equivalent      |
| 117 | Baicells Technologies                    |
| 118 | Digium or equivalent                     |
| 119 | Digium                                   |
| 120 | EnGenius or equivalent                   |
| 121 | EnGenius                                 |
| 122 | Fluke or equivalent                      |
| 123 | Fluke                                    |
| 124 | Lenovo Global Technologies or equivalent |
| 125 | Lenovo Global Technologies or equivalent |
| 126 | Mimosa Networks or equivalent            |
| 127 | Mimosa Networks or equivalent            |
| 128 | Samsung - Networking/Voice or equivalent |
| 129 | Samsung - Networking/Voice or equivalent |
| 130 | Sophos or equivalent                     |

## Narrative

This RFP is for the supplemental bid for additional product lines to be added to the PA State Master PEPPM Contract. There are over 300 product lines included in this procurement, of which 28 offer E-rate eligible products/services. Each eligible product line has been added to the Form 470 as Category 2 for each unique category of service it serves, for both internal connections, & basic maintenance. Further, the product lines featuring network-related equipment also are included as a Category 1 Network Equipment and Category 1 Maintenance and Operations bids. Also, the form does not permit the addition of manufacturer name to the managed internal broadband (MIBS) category, so a single entry has been made for all product lines being bid representing that category. Vendors interested in adding equivalent product lines should note the specific process, requirements and timeline for doing so in the Bid Documents.

The current Form 470 format requires the unit quantity. The PEPPM Contract is bid on the quantity of one to establish a unit contract price. A single contract is then signed with the lowest responsible, qualified bidder for each product line. Because PEPPM is considered a multiple award contract, applicants then conduct an E-rate mini-bid process - described in the RFP Terms and Conditions - by seeking bids for specific products/services/quantities from all awarded product lines in the specific category.

Note: the Form 470 states that the PA State PEPPM Consortium (Central Susquehanna Intermediate Unit) is the Billed Entity which is not accurate. Although CSIU will sign a single contract with the lowest responsible, qualified bidder for each product line, each LEA will sign its own separate contract with the lowest responsible bidder resulting from a PEPPM mini-bid procurement and file the Form 471 as their own Billed Entity.

The Form 470 also requires the number of entities served. In PA, all public schools, nonpublic schools and libraries may purchase from this cooperative purchasing contract. However, more than 760 specific PA schools, libraries and consortia have submitted electronic E-rate Letters of Agency and may be use this contract for E-rate eligible purchases. Prospective bidders should note that this is the maximum number of entities that may be seeking mini-bids from awarded vendors, not the actual number of entities that will be requesting mini-bids. Since FY 2019, more than \$96 million has been requested as the pre-discount cost for E-rate eligible equipment using the PA State PEPPM Contract mini-bid procurement process.

The E-rate eligible product lines, or their equivalents, included on this 470 are as follows:

Actnet AES Intellinet

Adtran

**Baicells Technologies** 

Barracuda

Belden

Citrix

Cylance

D-Link

Digium

EnGenius

F5 Networks

Fluke

Infoblox Lenovo Global Technologies McAfee Mimosa Networks Minuteman N1 Critical Technologies **Orion Power Systems** Pulse Secure Samsung - Networking/Voice Secureworks **SolarWinds** Sophos Terracom Trend Micro **Vertical Communications** 

WatchGuard

All bidding documents are included in this RFP; however, vendors that wish to download the bidding documents outside of EPC may do so at: https://www.peppm.org/bids/default.htm. These are the identical documents that are attached to the online Form 470. The term of the contracts shall be May 1, 2023 - December 31, 2025, with a 1-year optional extension, unless otherwise terminated or cancelled. All disqualification criteria are listed in the Terms and Conditions of the attached RFP.

Vendors should review all of the bid documents carefully before submitting questions. Questions must be submitted to Amber Lind, PEPPM Cooperative Purchasing Programs Manager at alind@csiu.org by the due date outlined in the RFP. The deadline to submit proposals is Tuesday, March 14, 2023 at 3:00 p.m. Eastern.

#### **Technical Contact**

Amber Lind PEPPM Cooperative Purchasing Manager 000-000-0000 alind@csiu.org

## **State and Local Procurement Restrictions**

This RFP is for the supplemental bid for additional product lines to be added to the PA State Master PEPPM Contract. The deadline to submit proposals is Tuesday, March 14, 2023 at 3:00 p.m. Eastern. All bidding documents are included in this RFP; however, vendors that wish to download the bidding documents outside of EPC may do so at: https://www.peppm.org/bids/default.htm. These are the identical documents that are attached to the online Form 470. The term of the contracts shall be May 1, 2023 - December 31, 2025, with a 1year optional extension, unless otherwise terminated or cancelled.

Vendors should review all of the bid documents carefully before submitting questions. Questions must be submitted via e-mail to Amber Lind at alind@csiu.org.

All entities that have electronically signed Letters of Agency (LOAs) have been added as PEPPM consortia members in EPC, with a few exceptions. The following entities signed LOAs to participate in this procurement, but were either not founded in the EPC database, or could not be added due to EPC system limitations because they are either consortia or libraries:

Lincoln Learning Network (LLN) - IU12 RWAN Consortium

**PAIUnet** 

**Apollo Memorial Library** 

**Ashland Public Library** 

**Bradford Area Public Library** 

**Luzerne County Library System** 

**Lycoming County Library System** 

**Mansfield Free Public Library** 

Mary S. Biesecker Public Library

**MCLINC** 

**Milton Public Library** 

**North Wales Area Library** 

**Oil Region Library Association** 

**Punxsutawney Memorial Library** 

**Southampton Free Library** 

Wayne Library Authority

**Adams County Technical Institute** 

Bryn Athyn Church School
Chester County Family Academy Charter School
Chester County Technical College HS
Connellsville Area Career and Technical Center
Easton Arts Academy
Evergreen Community CS
Excelsior School of Philadelphia
Freire CS (Freire Consortia)
Freire CS (Freire Wilmington)
Greene County Career and Technology Center
Hazleton Area Career Center
Howard Gardner Multiple Intelligence CS
Lehigh Valley Charter High School for the Arts
Lycoming Career and Technology Center
Seneca Highlands Career and Technical Center

## **Billed Entities**

| <b>Billed Entity Number</b> | Billed Entity Name  |
|-----------------------------|---|
| 17000299                    | PA State PEPPM Consortium (Central Susquehanna Intermediate Unit) |

#### **Certifications**

I certify that the applicant includes:

I certify that the applicant includes schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801 (18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million.

I certify that the applicant includes libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).

## Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity necessary to use the services purchased effectively.

I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program.

#### NOTICE:

In accordance with Section 54.503 of the Federal Communications Commission's ("Commission") rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.503. Schools and libraries must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information requested in this form. We will use the information you provide to determine whether you have complied with the competitive bidding requirements applicable to requests for universal service discounts. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, the information you provide in this form may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information you provide in this form may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form, or in response to subsequent inquiries, may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide in this form may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC or Universal Service Administrator may return your form without action or deny a related request for universal service discounts.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 3.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

## **Authorized Person**

Julie Tritt Schell Tritt Schell Consulting Services 1300 Bent Creek Blvd, Suite 102 Mechanicsburg, PA 17050 717-730-7133 jtschell@comcast.net

**Certified Timestamp** 

01/20/2023 07:52 AM EST