

## **Q & A**

### **Secure Vault Fiber Premise Wiring –**

**Solicitation FA6648-17-R-0007**

**Thursday, June 08, 2017**

#### **Question 1**

**Do you know how many strands of fiber will needed to be terminated at the workstations?**

R: Zero will be terminated at the workstation. All termination will occur at the wall plate, one for one, as well as the 10% growth we've identified during the site survey. Patch cables will be used to connect from the wall plate to the workstation.

#### **Question 2**

**Is there a BOM (Bill of Materials) that you have already generated?**

R: No, we don't have BOM for this initiative; however, we would like for the contractor to submit a proposed/tentative BOM so that we can approve the items being installed. We will also require a final part list from the contractor that wins the award

#### **Question(s) 3**

**3.1 How many patch cables are required in the COM Room?**

R:

82 red patch cables

82 blue patch cables

82 green patch cables

Please see the updated drawing, which depicts what is needed per room.

**3.2 How many NIC Cards are going to be required?**

R: 110

**3.3 How many SFP Modules are going to be required? (to fill all switches its 300)**

R: 172

**3.4 Can you provide us with the Part No of the NIC cards and SFP modules.**

R: Fiber Gigabit Ethernet network Interface Card- PCI Express/N-GXE-SC10-01

SFP: Cisco GLSC-SX-MM **Note:** The bidder shall source Cisco Systems, Inc. ("Cisco") products directly from Cisco or Cisco Gold Partner or an authorized reseller and the bidder confirms to have sourced all

Manufacturer products submitted in this offer directly from manufacturer. Products obtained outside these channels may require additional costs associated with product relicensing and inspection fees before Cisco will enter into Warranty/Service support for the product in question. Furthermore, the US Air Force and or DoD entity must be the original licensee of all Cisco Software. In the event there are questions pertaining to the validity of the Cisco products, AFNIC reserves the right to verify the origin of the Cisco products with Cisco Systems, Inc. In the event the Cisco Products have been acquired from unauthorized channels, the US Air Force or DoD entity further reserves the right to return the products for a full refund. The vendor shall certify to this clause in their proposal submission.

**3.5 Is the customer thinking about using NIC cards with SFP modules ? (that way in the future only the SFP modules have to be exchanged) Is it just 2 strands of fiber to each location or does the customer want 4 or 6 as a possible backup and if that's the case how many are supposed to be terminated on the COM Room side?**

R: Our requirement at minimum is a one-for-one swap plus our identified 10% growth. Those are the only strands requiring termination. Adding four or six strands is acceptable for future growth and can be installed (left in place) but does not need to be terminated at this time. Please ensure you include the cost of replacing our fiber patch panels with high density 1u fiber panels.

#### **Question(s) 4**

**4.1 The answers to preliminary questions denote a requirement of 62.5/125 for the fiber, we suggest to go with 50 micron as it is a much better fiber cable. If we propose that, is the customer ok with using 50 instead of 62.5?**

R: Yes, 50 is acceptable. We will take your suggestion into consideration if there isn't a significant increase in price. In other words, if 50 microns increase the price please make sure to include both costs (option A and B) so that we can make an educated decision.

**4. 2 Please clarify whether or not we are responsible for the fiber patch cords?**

R: Yes for the patch panels. No from the wall to the workstations because 482 CS has identified during the site survey that they will be purchasing those separately to meet our needs.

**4.3 Please clarify about the NIC cards, we are only to provide them and NOT install them, correct?**

R: Correct

**4.3.1 Part number requested: NIC-1000BFX SC MM 220M/550M or equivalent**

R: This depends on the proposed solution presented by the vendor. The requirement is to replace all SM fiber with MM fiber. The current NICs in use are NIC-1000BFX SC SM 220M/550M. The proposed solution can be LC or SC. We do not want ST. The NICs will need to be compatible with the proposed solution as drafted by the vendor.

**4.4 Please send the drawing given today at the site visit by Tommie Pearson (Sheet G-052) with all the colored marking of all the drops for SIPR, NIPR, Phone & Empty in PDF format if possible for larger printing.**

R: Please see the updated drawing, which depicts what is needed per room.

**4.5 Vendor is responsible for the cleanup of old fiber cable & disposal of old fiber, correct?**

R: Yes, the vendor is required to clean up the old fiber optic cable and coordinate the disposal of the old fiber.

**4.6 Is night work / weekend work possible for scheduling**

R: No. Work will be commenced/take place during regular business hours and days. However, mission requirements may necessitate work outside normal hours (nights and/or weekends), especially if existing service must be interrupted. Any site work requested by the Contractor to be performed outside of normal duty hours shall be coordinated with the Base POC at least 10 calendar days in advance. Holidays/Down Days.

The Contractor shall not perform under this contract on federal holidays or site-unique down-days unless expressly authorized by the CO and coordinated with the Base POC.

**Question(s) 5**

**5.1 Can you provide a quantity of NICS cards required? Specifications? Brands?**

R: 110

**5.2 Will ID badges be required for personnel?**

R: Yes

**5.3 Will sufficient escort personnel be provided to facilitate the execution of all project work tasks by our employees?**

R: Yes

**5.4 Can you specify the quantity, lengths and colors of patch cables supplied by this contract?**

R:

82 red patch cables

82 blue patch cables

82 green patch cables

**5.5 The drawing provided during the walk-through, E-101, depicts panels 2LP2, 2LP3, 3-3/4" conduits for 120v, additional conduits for COMM and Security, an MSB panel, transformers and Underground conduits. Are these items and scope to be included in this contract?**

R: No. N/A

**5.6 If the answer is yes to question (7) above, then:**

R: Please disregard the electrical items on the drawing. The drawing was for reference only. No electrical work be required for this initiative.

**5.6.1 What is the distance to RM. 1-107 for the underground conduit?**

R: N/A

**5.6.2 What size are the conduits for COMM, Security and UG?**

R: N/A

**5.6.3 What is the specification of the transformers requested?**

R: N/A

**5.7 Can you provide the ICD-705 specification?**

R: Could you elaborate, please? Are you asking for the ICD 705 specs for the Vault? If so, the answer is no.

**5.8 Will a staging area for gang boxes to store tools and materials be provided?**

R: Yes