

**REQUEST FOR PROPOSALS  
QUESTIONS AND ANSWERS**

**E-Rate Eligible Products and Services  
Funding Year 7/1/2010 – 6/30/2011**



**HARVEST PREPARATORY ACADEMY  
BEN 16051394**

**QUESTION 1 (02/03/2010)**

Under **3.3.3.1.1 Move Current MDF**

How many copper lines are currently running to the MDF? How many IDFs are being feed from the MDF?

**ANSWER**

There are 120 copper ports being used at the MDF at the current time. There are two IDFs that are connected via direct fiber optic cables.

**QUESTION 2 (02/04/2010)**

Under **3.3.3.2.2.5 PBX**

Is there a current System that is being upgraded and if so what OS and version is it running?

**ANSWER**

Yes, there is a current system in place that we are upgrading. The system is running on a pair of Cisco MCS78151-30 machines with Cisco Unity 4.0 Build 4, (Voice Mail), Cisco Call Manager System 4.0(2)a, (Phones).

**QUESTION 3 (02/04/2010)**

Under **3.3.3.2.2.3 PVBX**

When you say you want to Stream to 10 classrooms what are you really meaning?

**ANSWER**

We are looking to be able to stream from ten different sources to classrooms. In the classroom there may be computer lab where each student will have their own computer to view the stream or it may be a classroom where a computer is attached to a projector that will project the video to a screen for viewing.

**QUESTION 4 (02/04/2010)**

Under **multiple areas**

Are you looking for patch cables for the patch panels and the classrooms?

**ANSWER**

Yes, we would greatly appreciate not having to go out and acquire the patch cables.

**QUESTION 5 (02/04/2010)**

Under **multiple areas**

Being that after 6 strands Fiber optic cables come in multiples of 6, are you really asking for 12 strands?

**ANSWER**

Yes, when I wrote the RFP I wasn't sure what standard was, I just wanted to be sure that there was sufficient capacity that we would not be wasting the tax payer's money and have to replace the cable in a couple of years.

**Submitted QUESTION SET 1 (02/04/2010)**

Answers are in **this font**

3.3.1. **San Luis**

Are there IDF's other than the 3 for the Computer labs?

**I would assume so.**

If there are IDF's other than the 3 computer labs, how many and what is the number of ports per IDF?

**There is no specification on this. It was left somewhat vague to give the wiring contractor the flexibility to design the wire plant in the most efficient manner possible. I would assume from the number of classroom and offices that maybe 3 IDF or more would be used.**

3.3.1.2.1.1. Router, if needed for Internet uplink, if not provided as part of ISP Priority 1 CPE end-to-end solution  
What is the interface to the ISP?

**The Internet provider has not been selected at this time. I would assume that the interface will be either a Fiber Optic single mode line or a 100/1000BaseT.**

3.3.1.2.1.5. All equipment with connections to Fiber optic cable must be able to support 4 – 10Gb miniGBIC SFP modules with LC connections  
Just to clarify, 10Gbps or 1Gbps?

**We are looking for the equipment to support 10Gb but due to module cost will only be running at 1Gb The intention is to be able to bond multiple strands to have 3Gb/s or higher backbone for the campuses.**

3.3.1.2.2.5.1. Ability to handle up to 100 802.11n wireless access points  
would ability to handle 96 access points be adequate?

**If 96 Access Points is sufficient to cover the area of the school then YES.**

3.3.1.2.2.6.5. Sufficient quantity to establish a seamless mesh network throughout school area  
How large is the area. Is a diagram and floor plan available?

**At this time there is no floor or aerial view of the location available**

**Answers to questions on Yuma and Somerton can be implied by the San Luis answers with the exception on the number IDF's. In Somerton I would assume no more than 2 IDF's.**

**QUESTION 6 (02/05/2010)**

“Reading the RFP and have a question regarding the deadline for submissions. It is listed as February 7, 2010 at midnight. Since days run from 12:00 am – 11:59 pm and there is sometimes confusion as to which day midnight falls on, I’d just like some clarification.”

**ANSWER**

Sunday was the intended day. I would be happy to accept any proposal submitted by Monday morning 9am.

**QUESTION 7 (02/06/2010)**

“Am I to only relocate and or extend the existing copper and fiber? And not worry about whether or not the existing fiber is rated for the 10 gig which is what you are wanting in the other two schools?”

**ANSWER**

What I was looking for was to re pull all the copper and put in new fiber. The existing fiber is 1Gb and I believe 2 or 4 strands. I want to have 10Gb put in so when the price of 10G SFPs drop we can have a screaming backbone. The existing fiber is also using SC connectors and I am hoping to move everything to LC with this upgrade. So I guess I should just say I don’t want to MOVE the fiber I want to REPLACE it. A standard 12 strand 50/125 10Gb would be just perfect.

Please refer back to this document often. This document will contain all questions and answers that are brought up in regard to the RFP.