

#	Question	Answer
1	I see that the pre-bid conference is optional, but has one been scheduled yet?	Yes. The pre-bid meeting will be held on Tuesday 12/10/13 beginning at 8 a.m. in room NS 129, 4200 Congress Avenue, Lake Worth. For a map of this location see http://www.palmbeachstate.edu/purchasing/documents/akeworthmap-ns129.pdf . Revised start time: New start time is 11 a.m. , Tuesday 12/10/13 in NS 129.
2	From looking at the RFP I'm having a hard time understanding if you have a specific Video Management System requirement. 28 2300 Video Surveillance System Specification? Is there another document that I am missing?	Requested information is located within the drawings and specification documents.
3	Do you have any drawings available with headend location, camera locations, IDF closets, and existing risers shown?	Requested information is located within the drawings and specification documents.
4	We would like to reach out to some of the top integrators in order to connect with them about handling the It storage aspect of the bid as that is our specialty. Can you let me know what integrators you are working with?	It is the intention of the College to hire one company to coordinate all aspects of the project including integrators, storage companies and any other specialties. We do not have such a list of specialists to provide.
5	There is a list of manufacturers on one of the attachments, are you only requesting those manufacturers, or would you accept equal, or better?	Submit manufacturers equal to those listed in the specification.
6	Do I need to request additional required documentation?	Yes, In order to properly respond to this bid, please send an email to purchasing@palmbeachstate.edu to request additional required documentation.
7	Under Products you have approved equivalents for the cameras, power supplies, NVRs, DAS, and Poles but not the VMS. Will the school consider a different manufacturers if equivalency can be established?	Yes equal VMS manufacturers will be considered.
8	Document SCIS, Page 12, Section 3.3 "Documentation", E, "Drawing documents shall be produced with ... AutoCAD..." Most times AutoCAD's are not used or needed. Would Visio documents suffice?	The final construction as built drawings shall be completed in Autocad. Submittal drawings may be done in Visio or Autocad.

<p>9 There is a severe lack of organization and conciseness in the specification documents, with a lot of superfluous information. Some examples are requirements like fixed domes and PTZ housings looking alike do not make any sense in the real world of manufacturing. There are brand name cameras listed as approved that do not have the functions available in any of their models for the requirements listed. There are manufacturers listed for equipment that they do not make. "Accessory ports" required for cameras that have no specification for what kind of accessory would be needed. Technical terms that do not exist in the industry (PoE "inserters"). Conflicting performance specifications (example: 1gb/s for midspans but only 100mb/s for media converters). Conflicting requirements for component installation (example, requiring poles of a certain height be buried to a height above grade, but then a conflicting requirement that poles be plate mounted at the base with bolts).</p> <p>Also, there seems to be very specific manufacture make and model of equipment desired for the VSS, cameras and storage, but none are specifically named.</p> <p>Has it been verified these are the actual final documents meant for final publication in the RFP, and not drafts made by non-subject-matter-expert personnel doing exploratory research?"</p>	<p>The RFP documents are final documents (not drafts) as prepared by Ross & Baruzzini consulting firm under a post public solicitation contract with the College. This RFP is not for exploratory research but for the procurement, of a final workable solution as noted therein. If there are specific questions about the specifications or the bid documents that are not already answered in the Q&A section, please submit singular specifically stated questions. All such questions will be answered according to the bid calendar.</p>
<p>10 How many Volume 1 Technical Proposals are to be submitted / Originals and or copies?</p>	<p>This information can be found on page 15 of the RFP.</p>
<p>11 How many Volume 2 Financial Proposals are to be submitted / Originals and or copies?</p>	<p>This information can be found on page 15 of the RFP.</p>
<p>12 Have any of the security companies (dealera/integrators/installers) who can, or are, submitting proposals on this RFP, contribute in any way, verbally or written, to the authoring of this RFP, to the best of Palm Beach State's knowledge? ? Or would any such security company who contributed in any way, be permitted to bid or submit proposals for the RFP?</p>	<p>No company other than the hired consultant firm has contributed to the RFP and the consulting firm is not permitted to submit or respond to the RFP.</p>
<p>13 Were there specific brand NAMES and MODELS of products that were in mind by the authors of the RFP, such as specific brand and models cameras and video management systems, that were not listed in the RFP?</p>	<p>Brand names are used as example and not as specification. Brand names are used as example not requirement unless clearly noted. If specifications are listed, it is not intended to spell out a specific brand, the intention is to list a specification or minimum standard.</p>
<p>14 Would PBSC consider a leasing proposal for this project?</p>	<p>It is not a preference of the College to purchase this through a lease proposal. The vendor is welcome to propose this but it would be contrary to the standard expectation of this project.</p>

<p>15 As many manufacturers including Cisco are closed between Christmas and the New Year Holiday, we respectfully request an extension on the submission deadline for this proposal. Resources will be limited at this time of year and we wish to provide a complete and accurate response to your requirements. This is a very detailed and complicated RFP and we would like to ensure we have enough time and resources to respond appropriately.</p>	<p>The dates have been amended and are posted within the revised "Initial Bid Solicitation" document.</p>
<p>16 We would like to request an extension of at least two weeks due to the time of year and holidays. Difficult to turn a RFP of this size and scope around during this time of year so quickly. Is this something the college will consider?</p>	<p>The dates have been amended and are posted within the revised "Initial Bid Solicitation" document.</p>
<p>17 I noticed the RFP dates have been extended. Will the question deadline be extended also?</p>	<p>The College allocated one month from the release date for questions to be asked of the College. If we were to extend the question and answer period, we would delay the project by an additional month past the month we have already extended because of the winter and spring breaks. We will not be extending the question and answer period.</p>
<p>18 How do I arrange a walk-through visit?</p>	<p>You can arrange a walkthrough by contacting the security department of any campus you would like to visit, http://www.palmbeachstate.edu/security/default.aspx. No one will be available to answer clarifying questions except for the Q&A section of the website as the question period has expired.</p>
<p>19 Page 282300-5 Paragraph B-1 of the specifications states the fixed cameras will be 720p (1280 x 720), however the schedule of cameras on the drawings calls for 800 x 600 cameras, which should we accept as correct?</p>	<p>1280 x 720 shall be the minimum resolution.</p>
<p>20 What was the consultants estimate for the cost of this installation?</p>	<p>The consultant gave the College a varying range of anticipated expense of this project depending on service level and product. That is not suitable as a guideline for respondents to the RFP. The range is between 1-1.5 million with options much higher. The College is not sure if this is an over estimation or conservative speculation and has not affirmed a budgetary restriction at this time. The College will evaluate all proposals submitted regardless of cost as to applicable cost / value ratio. Please submit proposals based on specifications listed in the RFP and offer value engineered options without decreasing quality and enhancements that while may impact original expense will decrease total cost of ownership.</p>

<p>21 Page 12 of 21 of the Initial Bid Solicitation and page 13 of 21 both ask for company qualifications with references and key personnel. Do you want this submitted twice, once in each section?</p>	<p>Page 12 speaks to the Executive Summary portion with only basic project information requested, along with references and key personnel identification. Page 13 speaks to the Technical Evaluation Criteria portion of the response where project details along with the references and key personnel are requested.</p>
<p>22 Exactly what equipment will the College be providing, i.e.: racks, PoE switches, fiber optic cable, etc.?</p>	<p>This information is contained in the drawings.</p>
<p>23 If the College is supplying the PoE switches, what is the power output of these switches?</p>	<p>48-port switches are capable of supplying 30W of power across a maximum of 24 ports or 15W of power over 25 – 48 ports.</p>
<p>24 Who will supply the poles in the parking lots.</p>	<p>New poles to be provided by vendor per Section 282300-2.11/2.12.</p>
<p>25 Who will supply the 110VAC electric power needed at the sites where needed, i.e.: the parking lot poles?</p>	<p>Power shall be provided by vendor.</p>
<p>26 The D3 detail shows a “Back Box” mounted inside of an existing wall or column, is this the correct detail for this type camera? (Note refer to attachment)</p>	<p>Other means and methods will be considered, such as locating the junction box on interior side of wall.</p>
<p>27 Can the bid be extended till 1-24-14?</p>	<p>The dates have been amended and are posted within the revised “Initial Bid Solicitation” document.</p>
<p>28 Are we to assume all Racks, Patch panels, UPS’s and Switch ports will be supplied by PBSC?</p>	<p>This information is contained in the drawings. Racks, patch panels, UPS’ and switch ports that are part of the existing College network infrastructure are supplied by the College. Fiber patch panels as distribution points for exterior cameras are supplied by the vendor, per the RFP.</p>
<p>29 Are we to assume PBSC will supply power to non-POE locations?</p>	<p>Power shall be provided by Vendor.</p>
<p>30 Please elaborate on the “decoders” required for the VSS monitors.</p>	<p>These are digital display controllers similar to a PC that decode video streams and display to a monitor through a DVI connection. See Section 282300 – 2.7</p>
<p>31 Are the per camera access fees for the VSS software included in the cost and maintenance costs? What is the annual cost per camera?</p>	<p>All camera licensing fees shall be included in the Vendor’s proposal.</p>
<p>32 Does the training for the system include 1 week of training per location or 1 week of total training?</p>	<p>One week of training, per campus, is provided in Section 281000.</p>
<p>33 How should I proceed with registering a new manufacture as an approved equivalent for this RFP?</p>	<p>The substitution of approved equivalent products is discussed in the Initial-Bid-Dolicitation-RFP-1213-12-Surveillance-Camera-Initiative-Ver-11-13-13-Extended.pdf document, page 8 of 21, in the MANUFACTURERS’ NAMES AND APPROVED EQUIVALENTS section.</p>
<p>34 The plans call for the contractor to provide the switches while today’s meeting said the Infrastructure exists New Switches have been installed. Are the POE Switches, Racks, Patch Panels etc by the Contractor or the Owner?</p>	<p>This information is contained in the drawings. Racks, patch panels, UPS’ and switch ports that are part of the existing College network infrastructure are supplied by the College. Fiber patch panels as distribution points for exterior cameras are supplied by the vendor, per the RFP.</p>

<p>35 Plans and specs call for permitting fees to be by the contractor while today's pre-bid meeting answered by the Owner. Which is correct?</p>	<p>The College will issue an "Owner" permit for construction from the Facilities Planning Department. The contractor will provide company information including license and qualifier, as well as any subcontractors (roofing, electrical, etc.). There are no permit or plan review fees associated with this work.</p>
<p>36 A not from today's pre-bid meeting says License Fees Not To Be Excluded. Does this refer to the VMS Software per camera channel licenses?</p>	<p>Yes.</p>
<p>37 A note for today's pre-bid say to "specify required recurring costs" a. Does this refer to the VMS Software "Total Cost of Owner Ownership" Support and Channel Licenses? b. or just the Channel License per camera? c. If a VMS company is providing this for a period (assume 5 years) does the contractor need to disclose the yearly fees after that 5 years?</p>	<p>The contractor should disclose recurring costs for all system components that will not be covered under the implementation which the owner would be liable for after any applicable warranties expire.</p>
<p>38 The UPS question from the pre-bid went unanswered; is this to come as an addendum from the Engineer / Owner or to be listed as a Contractor item to the size and needs of Product selected by the contractor? a. If by the contractor does it include powering the cameras and remote (pole or roof) hardened network equipment</p>	<p>The College is supplying UPS with capacity to power the existing PoE switches if the switches are fully populated with PoE devices. The rack mount UPS units are by the vendor as indicated on Sheets SS-04-01, SS-06-01, SS-09-01 and Specification 282400-2.6. See Sheet SS-01-114-1, Keyed Note 2 for UPS power requirements at Lake Worth. Vendor shall provide 120V or 24VAC power to the Camera Pole Camera Interface Boxes as indicated on the Campus Security Site Plans.</p>
<p>39 SHEET SS-00-01, GENERAL NOTES #12 & THE DETAILED GRAPH; DOCUMENTS DETAIL CMP & CMR CEILINGS. PER THE COLLEGE FACILITIES PLANNING AND CONSTRUCTION DOCUMENTS AND STANDARDS APPENDIX F "STRUCTURED CABLING GUIDELINES". ALL NEW CABLING HAS BEEN BELDEN CAT6 CMP BLUE WITH PANDUIT CAT6 CONNECTIVITY THROUGHOUT ALL FIVE CAMPUSES. WILL THE COLLEGE REQUIRE THE BIDDERS TO FOLLOW THIS STANDARD PRACTICE TO KEEP ALL CABLE PLANT IDENTICAL?</p>	<p>Yes, College Standards shall be followed.</p>
<p>40 SHEET SS-00-06, DETAIL 1,2 & 3; PLEASE DETAIL THE DIFFERENCE AS TO WHICH CAMERA DETAIL DRAWN IS LINKED TO WHICH TYPE OF CIB DETAIL LISTED?</p>	<p>Distinguish based upon location, wall or pole, and by associated power related keyed note.</p>
<p>41 SHEET SS-00-06, DETAIL 1 & 2; THE 2PR CABLING IS LISTED AS A #10 & A #16. WHICH OF THESE IS CORRECTLY LISTED AND NEEDED FOR ALL THREE CIB TYPES?</p>	<p>Use 2pr#10 awg for pole mount CIB and 2pr#16 awg for wall mount CIB.</p>
<p>42 SHEET SS-00-06, DETAIL 1 & 2; FOR THE TWO TYPES OF CIB THAT ARE TO BE MOUNTED IN THE CEILING SPACE, IS A 2" PVC OR CONDUIT REQUIRED TO BE INSTALLED BACK TO THE COMM ROOM FOR CABLING TO BE INSTALLED IN AS DETAILED.</p>	<p>Yes, Detail 1 Wall mount CIB indicates a 2" conduit back to the Comm. Room.</p>

<p>43 SHEET SS-00-06, DETAIL 1, 2 & 3; THE SURGE SURPRESSION SHOWN. PLEASE DETAIL A TYPE AND MANUFACTURER OF WHAT WILL BE REQUIRED TO UTILIZE?</p>	<p>Products by Ditek or equivalent for the intended application.</p>
<p>44 SHEET SS-00-06, DETAIL 1, 2 & 3; THE 6PORT SC OM1 DATA OUTLET. PLEASE DETAIL A TYPE AND MANUFACTURER OF WHAT WILL BE REQUIRED TO UTILIZE FOR THIS FIBER HOUSING?</p>	<p>See Specification 281500.</p>
<p>45 SHEET SS-00-06, DETAIL 1, 2 & 3; THE 6 OR 12 STRAND OM1 CABLING LISTED ON DRAWINGS HOWEVER SPECIFIED 281500-4 SECTION 2.3 DETAILS 50 MICRON. WHICH TYPE OF FIBER SHALL BE UTILIZED?</p>	<p>Utilize 50 micron fiber.</p>
<p>46 SHEET SS-00-08, DETAIL 2; THIS NOTE DETAILS INNERDUCT FOR THE FIBER CABLE, HOWEVER FOR EVERY CAMPUS THE EXTERIOR CONDUIT TO BE INSTALLED NOTED (4) 1/ 1/2" PVC CONDUIT FOR THE ENTRANCE CAMERA LOCATIONS. WILL INNERDUCT BE REQUIRED FOR ONE OF THE 1 1/2" CONDUITS AND IF SO WHAT SIZE INNERDUCT?</p>	<p>Provide 1" innerduct for the one conduit where FO cabling is used.</p>
<p>47 SHEET SS-04-107-1, DETAIL 2; SHALL ONE OR TWO CABINETS BE PROVIDED?</p>	<p>One cabinet.</p>
<p>48 SHEET SS-04-108-2, EISSEY THEATER; BESIDES THE BACK DRESSING ROOM AREAS ALL OTHER AREAS HAVE NO DIRECT ROUTE VIA DROP CEILING OR CONDUIT AS VIEWED DURING A RECENT INSTALLATION. HATCHES AND CONDUIT WILL BE REQUIRED TO ROUTE THE THEATER, LOBBY, OFFICE & TICKET BOOTH AREAS. WILL THE COLLEGE ACCEPT SURFACE MOUNT CONDUIT TO ROUTE CONDUIT TO ROUTE CAMERA LOCATIONS FOR THIS PROJECT? ALSO WOULD THIS CONDUIT BE REQUIRED TO BE PAINTED TO MATCH EXISTING WALLS / SURFACES?</p>	<p>Vendor shall plan on using conduit where accessible ceilings are not available. Painting to match existing finishes will be required.</p>
<p>49 SHEET SS-06-103-1, DOLLYHAND THEATER; AS WITH THE PBG THEATER THIS BUILDING MAY REQUIRE SURFACE CONDUIT TO ROUTE CABLING TO CAMERA LOCATIONS. WILL THIS BE ACCEPTED BY THE COLLEGE? ALSO WOULD EXPOSED CONDUIT BE REQUIRED TO BE PAINTED TO MATCH EXISTING SURFACE?</p>	<p>Vendor shall plan on using conduit where accessible ceilings are not available. Painting to match existing finishes will be required.</p>
<p>50 SHEET SS-09-100-1, CB100; EXTERIOR COURTYARD CAMERA LOCATIONS WILL REQUIRE EXPOSED CONDUIT. WILL THE COLLEGE ACCEPT EXPOSED SURFACE MOUNT CONDUIT TO ROUTE CABLING TO CAMERA LOCATIONS. ALSO WOULD EXPOSED CONDUIT BE REQUIRED TO BE PAINTED TO MATCH EXISTING SURFACE?</p>	<p>Vendor shall plan on using conduit where accessible ceilings are not available. Painting to match existing finishes will be required.</p>

<p>51 SHEET SS-09-102-1, AD102; THE NORTH SIDE OF THIS BUILDING IS NOTED TO ROUTE CABLING TO AD102.1. HOWEVER THERE IS A DATA CLOSET AD132 WHICH IS HALF THE DISTANCE. WHICH CLOSET WOULD THE COLLEGE PREFER THE CABLING TO BE TERMINATED TO?</p>	<p>AD102.1 shall be used. AD132 is indicated as Admissions Registration.</p>
<p>52 SHEET SS-09-103-1, CM103; IS THE D3 CAMERA LOCATION THE CORRECT TYPE OF CAMERA FOR ITS LOCATION AS IT LIST A CIB CM103-1-01? SHOULD THIS BE A C6? IF NOT PLEASE DESCRIBE?</p>	<p>This is a Type D3, Wall mount exterior PTZ camera.</p>
<p>53 SHEET SS-01-103-1, CT103; IS THIS C3 CAMERA LOCATION THE CORRECT TYPE OF CAMERA FOR ITS LOCATION AS IT LIST A CIB CT103-01-01?SHOULD THIS BE A D5? IF NOT PLEASE DESCRIBE?</p>	<p>Yes this shall be changed to a Type D5 Exterior parapet mount PTZ camera.</p>
<p>54 SHEET SS-01-117-01 & SS-01-117-2, TC117; ARE THE D5 CAMERAS THE CORRECT TYPE FOR THIS LOCATIONS AS IT IS A 4 STORY BUILDING? PLEASE DESCRIBE IF THE CORRECT TYPE?</p>	<p>Yes these are Type D5 mounted on roof.</p>
<p>55 SHEET SS-01-536-1, PSA536; THE C3 LOCATION HAS NO CABLE ROUTE THROUGHOUT THE INTERIOR OF THE GUN RANGE. A CONDUIT WILL NEED TO BE INSTALLED UNDERGROUND. WILL THIS BE ACCEPTED BY THE COLLEGE? ALSO WOULD EXPOSED CONDUIT BE REQUIRED TO BE PAINTED TO MATCH EXISTING SURFACE?</p>	<p>Vendor shall plan on using conduit where accessible ceilings are not available, underground where necessary. Painting to match existing finishes will be required.</p>
<p>56 SHEET SS-01-541-1, PSW541; THIS BUILDING MAY REQUIRE SURFACE MOUNT CONDUIT TO ROUTE CABLING TO CAMERA LOCATIONS. WILL THIS BE ACCEPTED BY THE COLLEGE? ALSO WOULD EXPOSED CONDUIT BE REQUIRED TO BE PAINTED TO MATCH EXISTING SURFACE?</p>	<p>Vendor shall plan on using conduit where accessible ceilings are not available. Painting to match existing finishes will be required.</p>
<p>57 Is college IT supplying the SFP modules for the fiber in the existing Cisco switches.</p>	<p>The FO to copper Ethernet transceivers shall be provided by the vendor as indicated on Sheet SS-00-07. Vendor shall provide all equipment except where indicated as existing or 'Provided by PBSC IT'.</p>
<p>58 To reaffirm previous statements, the college is going to supply the following: a. racks b. POE switches c. switches d. patch panels e. fiber patch panels f. fiber media converters at the headend g. 120vac at the headend locations h. cameras are going to operate on college network and it has capacity to handle video. i. UPS</p>	<p>Vendor shall provide all equipment except where indicated as existing or 'Provided by PBSC IT' on the drawings. See Sheet SS-00-07, SS-01-01, SS-04-01, SS-06-01, SS-09-01.</p>

<p>59 For the auditorium in NPB to reach many of the proposed camera positions as depicted on the plans it will be necessary to run rigid conduit on the surface of the exterior wall is this acceptable?</p>	<p>Routing of surface mount conduit on the exterior walls is not acceptable.</p>
<p>60 Is wireless an option at the cameras to bring video back to the nearest closet vs. hard wiring with trenching and conduit?</p>	<p>Wireless is not an option.</p>
<p>61 The CCTV camera specifications (2823002.2A) describe the requirement to have all camera housings share the same look / style. While it is not difficult to comply with the requirement to have all cameras and all housings from the same manufacturer, the housings will be different. Fixed cameras meeting the specifications will have a much smaller dome diameter than the PTZ cameras. In order to comply with this requirements, it will likely be necessary to utilize a 3rd party dome supplier and install conventional "box" style cameras within these domes in order to provide the requested aesthetics. This will add considerable cost and warranty complexity to the project. Instead, please confirm that function will be more important that form when identifying the suitable camera types.</p>	<p>It shall be acceptable to provide different housings from the same manufacturer. Match the same look/style as much as possible, without adding additional cost.</p>
<p>62 Campus network diagrams showing the equipment rack elevation details imply that all equipment, except for the POE network switches, will be furnished and installed by the contractor. However, at the prebid meeting, it was stated that the required rack infrastructure is already in place and will not be required in this contract. Please confirm which items (shown on sheets SS0101, SS0401, SS0601 and SS0901) are to be furnished by the Owner and which items are to be furnished by the contractor.</p>	<p>Racks, patch panels, UPS' and switch ports that are part of the existing College network infrastructure are supplied by the College. Fiber patch panels as distribution points for exterior cameras are supplied by the vendor, per the RFP. Rack mounted UPS units indicated on Sheets SS-04-01, SS-06-01, SS-09-01 are provided by vendor.</p>
<p>63 Detail #C6 on sheet SS0006 describes exterior fixed cameras installed on a pole. The detail implies that the contractor will be furnishing and installing all items shown on the detail. However, the prebid meeting discussion implied that the College will be furnishing and installing the required camera poles and that all other required items (described in the detail, including electrical supply to the CIBF) will be the responsibility of the contractor. Please confirm.</p>	<p>New poles to be provided by vendor per Section 282300-2.11/2.12. All Power circuits and receptacles shall be provided by vendor.</p>
<p>64 Is there a maximum allowable POE power budget for each Owner provided switch?</p>	<p>48-port switches are capable of supplying 30W of power across a maximum of 24 ports or 15W of power over 25 – 48 ports.</p>
<p>65 Is the intent for the contractor to provide midspans for only the exterior fixed & PTZ cameras? Or will midspans be required for interior cameras as well?</p>	<p>Cameras on copper Ethernet connections inside of buildings will be connected to PoE switches and midspans will not be required. Midspans/power supplies will be required for exterior cameras.</p>

<p>66 Specification section 2823002.5 describes the video storage requirements for the project. However, it does not adequately describe the intended storage scenario.</p> <p>a. Is the intent to have all cameras to record on “motion activation” only with 12 hours of expected motion triggering per day? Or is the intent to record continuously for 12 hours per day and motion only thereafter?</p>	<p>12 hours per day and motion only thereafter.</p>
<p>67 The cameras are specified to have bidirectional audio capabilities. Is the contractor to assume that NO AUDIO recording will take place and that this not to be used in the storage calculation?</p>	<p>No Audio recording is required.</p>
<p>68 Guard Tour functionality is specified in the PTZ camera capabilities. However, if this feature is enabled and is not a preset tour function, then the guard tour results in 100% motion (continuous recording). Please confirm whether or not this feature is to be considered when calculating storage requirements.</p>	<p>Guard tour functionality shall be considered.</p>
<p>69 H.264 is a “lossy” compression technology and requires additional information in order to determine the “quality” of the video image. High compression results in poor image quality (regardless of frame rate and resolution definitions) and low compression results in a higher network data rate and subsequent storage volume. All bid participants need to be using the same profile parameters, and this requirement is not clearly defined in the specifications. One manufacturer’s storage calculator has a 65% variance in the required storage volume by simply changing the default compression from 30% to 10%.</p>	<p>Vendor shall plan on highest video quality achievable by respective camera /storage manufacturer.</p>
<p>70 If the 30day storage volume is a Performance Requirement for this contract, then the technical response portion of the RFP needs to include the Integrators’ storage calculations, along with an explanation of the parameters selected. If this evaluation is not done until after the contract is awarded, then there is no incentive for the Respondents to provide accurate (conservative) estimates, especially when they may result in a highercost solution. If this calculation will not be evaluated before contract award, then all Respondents need to base their storage estimates off of the Consultant’s minimum storage requirement.</p>	<p>Vendor shall include video storage calculation in the Technical proposal, based upon their proposed camera / storage manufacturer.</p>

<p>71 Specification section 2823002.7 describes the video decoder requirements for the large LCD panel displays. However, most hardware-based decoders are not “universal” and do not work with all IP camera manufacturers. Is it acceptable to use a remote video wall PC with the VMS web client in order to display the required video streams?</p>	<p>This is an acceptable method.</p>
<p>72 Specification section 2823002.10 describes a video integration with existing access control and intrusion systems. In order to provide an API level integration, it is necessary to have information on those existing system. Please provide the make, model and software version for each system that is required to be integrated.</p>	<p>VSS system shall provide capability only. This project will not require access control or intrusion detection integration with VSS system.</p>
<p>73 Please note that the drawings and specification indicate that the contractor is to provide a VSS HD Decoder. What is the purpose of the decoder?</p>	<p>These are digital display controllers similar to a PC that decode video streams and display to a monitor through a DVI connection. See Section 282300 – 2.7. See answer to Question 71.</p>
<p>74 Are there any small or minority business goals for this project?</p>	<p>The College encourages minority/small business participation, but has no minimum goals or requirements.</p>
<p>75 Are there any wage requirements?</p>	<p>To the best of our knowledge, this project will not be funded using any Federal money, consequently there will be no wage requirements attached.</p>
<p>76 On the drawings, Sheet SS-00-05, C2 shows a hard ceiling. Is there access to get above the hard ceiling to perform the installation as per the drawing details?</p>	<p>Conditions vary per site/building. Vendor shall field verify existing conditions during bidding.</p>
<p>77 Are there any bonding requirements? If so, please give the details (bid bond, performance and payment bond, etc.).</p>	<p>All major construction projects require insurance and bonding (1) performance & payment bond - required, (2) no Bid bond.</p>
<p>78 I do not see the Financial Attestation form referenced in Section 4, B (1) of the RFP.</p>	<p>Refer to Attachment A – Financial Attestation form (link is posted on the Purchasing website) http://www.palmbeachstate.edu/purchasing/Documents/Attachment-A-Financial-Attest-RFP1213-12-Surveillance-Camera-Extended.pdf</p>
<p>79 Section IV, C(1) references an attached “cost summary” document. I do not see this document either.</p>	<p>Refer to Master Cost Summary (link is posted on the Purchasing website) http://www.palmbeachstate.edu/purchasing/Documents/2013-11-17-Contract-RFP-PBSC-District-Security-Master-Cost-Summary.xlsx</p>

<p>80 Does the College know which building departments will be responsible for issuing the permits at each location?</p>	<p>The College will issue an “Owner” permit for construction from the Facilities Planning Department. The contractor will provide company information including license and qualifier, as well as any subcontractors (roofing, electrical, etc.). There are no permit or plan review fees associated with this work.</p> <p>The College “District Facilities Planning Department”, Chief Building Official Paul Cassidy will issue separate permits for each campus, applicable to multiple buildings and work specific to that site.</p>
<p>81 Please note and as discussed in the Pre-Bid Meeting, specifically in reference to Pole Mount Cameras. The question was asked regarding who would supply power to the Pole Mount Camera Interface Box, since the College is providing the Pole.</p>	<p>New poles to be provided by vendor per Section 282300-2.11/2.12. Power shall be provided by vendor.</p>
<p>82 Can Iomnis Surveillance Solutions be considered as an approved equal for the servers as they are Dell OEM optimized by Iomnis for video surveillance?</p>	<p>Approved Equivalents are explained in the document 2013-11-17-Initial-Bid-Solicitation-RFP-1213-12-Surveillance-Camera-Initiative, page 8 of 24, heading MANUFACTURERS’ NAMES AND APPROVED EQUIVALENTS.</p>
<p>83 Surveillance Poles; who is responsible for installation of the poles? The wind load calculations? Engineering?</p>	<p>New poles to be provided by vendor per Section 282300-2.11/2.12. Pole manufacturer shall provide wind loading calculation based upon South Florida Code.</p>
<p>84 30 Frames per second seems to be excessive and will add much storage more for the recording of video. I understand all who put together these proposals want to ensure it is adequate but this will cost to the College that will be measurable and quite high. Maybe this will be reconsidered?</p>	<p>Provide an optional deduct cost in the Excel Cost Summary document for 7.5 and 15 frames per second.</p>
<p>85 A frame rate per second (FPS) was listed for cameras (30FPS), but what is the minimum framerate the college would like for recordings? 30 FPS is considered a very high FPS for general security use and is only used by a very small percentage of applications such as gaming casinos and production quality assurance applications. 5FPS to 10FPS is usually more common.</p>	<p>Provide optional deduct costs in the Excel Cost Summary document for 7.5 and 15 frames per second. Include these storage calculations in the Technical proposal.</p>

<p>86 What was the budget estimate that the RFP was based on?</p>	<p>The consultant gave the College a varying range of anticipated expense of this project depending on service level and product. That is not suitable as a guideline for respondents to the RFP. The range is between 1-1.5 million with options much higher. The College is not sure if this is an over estimation or conservative speculation and has not affirmed a budgetary restriction at this time. The College will evaluate all proposals submitted regardless of cost as to applicable cost / value ratio. Please submit proposals based on specifications listed in the RFP and offer value engineered options without decreasing quality and enhancements that while may impact original expense will decrease total cost of ownership.</p>
<p>87 Section 281500, 2.9-O specifies that patch cables must be provided by the same manufacturer as the horizontal cable. 2.9-U further specifies that all patch cables must be Brown. Brown is a fairly uncommon patch cable color, by further limiting the selection to manufacturers that make both horizontal cable and patch cables we are concerned about the potential of a significant cost impact in meeting this criteria. Please confirm that this is still a mandatory requirement.</p>	<p>Patch cables and horizontal shall not be required to be from the same manufacturer.</p>
<p>88 Section 282300, 1.4-C specifies that Access shall be restricted by two-factor authentication. Is there currently a two-factor authentication system in place at the College? If yes, what back-end system and key devices are in use and will the CCTV system be able to leverage that infrastructure. If no, is it expected that a complete two-factor authentication system be implemented as part of this project?</p>	<p>The College does not have a two-factor authentication system in place today and no plans to implement one in the foreseeable future. Two factor authentication access shall not be a requirement.</p>
<p>89 Section 282300, 2.2-B-2 specifies that the camera shall have local removable storage (Micro SD) for local event recording and 2.2-B-14 specifies analytic capabilities. Is this a requirement for every fixed camera or only a portion of the cameras?</p>	<p>This is a requirement for all fixed cameras.</p>
<p>90 Section 282300, 2.3-A-25 Specifies that the NVR software shall be designed to provide both redundancy and high availability as standard built in features. Is the implementation of high availability features, such as redundant Failover NVR's, required as part of the scope or is the capability just required for possible use in the future?</p>	<p>These features shall be shall be included in RFP scope as specified.</p>
<p>91 Section 282300, 2.4-E-1 & 2.8-E indicates a requirement for Site & Building Maps. Will the College provide clean CAD and/or Map image files for direct import into the system or will we be expected to either clean-up provided files and/or create them from scratch?</p>	<p>ACAD files of buildings and site backgrounds will be provided from the College to the vendor.</p>

<p>92 Other than the 30 day retention period specified, is there any requirement for implementing any type of archival system?</p>	<p>No.</p>
<p>93 Drawings indicate surge protection devices at both the camera location and at the IDF rack. Please confirm that surge protection is required in BOTH locations for each cable drop.</p>	<p>Yes, this is a requirement.</p>
<p>94 SECTION 282300 - 2.10 INTEGRATION REQUIREMENTS What are the existing Access Control and Intrusion systems that integration will be required for?</p>	<p>VSS system shall provide capability only. This project will not require access control or intrusion detection integration with VSS system.</p>
<p>95 "APPROVED EQUIVALENT" PRODUCT REQUEST May Avigilon products be considered as an "Approved Equivalent"? Please see supporting documentation. 28300-2.1A.1 Cameras-IP and Fixed 28300-2.1A.4 Virtual Matrix Software 28300-2.1A.5 Network Video Recorder 28300-2.1A.6 Direct Attached Storage</p>	<p>Approved Equivalents are explained in the document 2013-11-17-Initial-Bid-Solicitation-RFP-1213-12-Surveillance-Camera-Initiative, page 8 of 24, heading MANUFACTURERS' NAMES AND APPROVED EQUIVALENTS.</p>
<p>96 SECTION 282300 - 2.2.B.5 - IS AUDIO REQUIRED ON THE CAMERAS?</p>	<p>No Audio recording is required.</p>
<p>97 SECTION 28300 - 2.2.B.1 - 720P VS 800X600 CAMERA RESOLUTION Which resolution is required (minimum)? There is a conflict between plans and specifications.</p>	<p>1280 x 720 shall be the minimum resolution.</p>
<p>98 PROJECT BUDGETED AMOUNT What is PBSC's Budget for this project?</p>	<p>The consultant gave the College a varying range of anticipated expense of this project depending on service level and product. That is not suitable as a guideline for respondents to the RFP. The range is between 1-1.5 million with options much higher. The College is not sure if this is an over estimation or conservative speculation and has not affirmed a budgetary restriction at this time. The College will evaluate all proposals submitted regardless of cost as to applicable cost / value ratio. Please submit proposals based on specifications listed in the RFP and offer value engineered options without decreasing quality and enhancements that while may impact original expense will decrease total cost of ownership.</p>
<p>99 IS THIS PROJECT FULLY OR PARTIALLY FUNDED IN 2014? IF SO, DOES IT INCLUDE STATE OR FEDERAL FUNDS?</p>	<p>To the best of our knowledge, this project will not be funded using any Federal money, consequently there will be no wage requirements attached.</p>
<p>100 MAY ANY EXISTING CAMERAS OR CCTV SYSTEM COMPONENTS BE REUSED ON THIS PROJECT?</p>	<p>No existing equipment or components will be reused on this project.</p>

<p>101 MAY ANY EXISTING CONDUIT, RACEWAYS OR WIRING BE REUSED ON THIS PROJECT IF PRACTICAL?</p>	<p>Existing conduit and raceways may be reused as long as all applicable building codes are honored and all applicable standards (IEEE, ANSI, BICSI, etc.) are met, as well as specific requirements as specified within the bid documents. Vendor shall not assume existing conduit/raceways exists for re-use.</p>
<p>102 ARE DECODERS REQUIRED? IF SO, WHERE?</p>	<p>These are digital display controllers similar to a PC that decode video streams and display to a monitor through a DVI connection. See Section 282300 – 2.7. See answer to Question 71.</p>
<p>103 WHERE WILL THE VIDEO "HEAD-END" BE ESTABLISHED? WHICH CAMPUS? A. What are the requirements of one campus viewing another campus's cameras and recorded video?</p>	<p>The main video monitoring location will be at Lake Worth Building SEC121, Room SEC121. The entire VSS system shall allow sharing of video signals between PBSC campuses 01,04,06, 09 per Section 282300-1.4.A. See Drawings SS-01-01, SS-04-01, SS-06-01, SS-09-01.</p>
<p>104 WILL ETHERNET PORTS BEING PROVIDED BY PBSC BE "POE, HIPOE, AND/OR POE+" WHERE REQUIRED?</p>	<p>Ethernet ports are POE+</p>
<p>105 IS SINGLEMODE FIBER REQUIRED FOR ANY PARTICULAR CAMERA TO THE SWITCH PROVIDED BY OTHERS?</p>	<p>Singlemode fiber should be used in appropriate applications, that is, where distances and throughput requirements are only met by using singlemode fiber</p>
<p>106 WILL MATERIAL STORAGE SPACE AT EACH CAMPUS BE AVAILABLE? HOW MANY SQUARE FEET AT EACH CAMPUS?</p>	<p>Each campus has a receiving warehouse and will provide suitable storage at that point for the receipt and storage of equipment that is shipped directly to the campus. Size availability depends on campus location and amount of receiving activities occurring, but generally 100-200 SF can be counted on. If additional area is required on some site due to the volume of equipment, additional secured storage will be identified elsewhere on the proper for this use.</p>
<p>107 282400-1.4 SCOPE OF WORK/SECTION 282400-2.5 AND 2.6 WILL PBSC BE RESPONSIBLE FOR ALL RACKS, CABINETS, AND UPS?</p>	<p>This information is contained in the drawings. Racks, patch panels, UPS' and switch ports that are part of the existing College network infrastructure are supplied by the College. Fiber patch panels as distribution points for exterior cameras are supplied by the vendor, per the RFP. Power will be provided by the Vendor. Vendor shall provide all equipment except where indicated as existing or 'Provided by PBSC IT' on the drawings. See Sheet SS-00-07, SS-01-01, SS-04-01, SS-06-01, SS-09-01.</p>
<p>108 WILL PBSC PROVIDE 120 VAC POWER TO CAMERA POLES WITH THE RECEPTACLE AND PROPERLY SIZED WEATHERPROOF ENCLOSURE?</p>	<p>New poles to be provided by vendor per Section 282300-2.11/2.12. All Power circuits and receptacles shall be provided by vendor.</p>

<p>109 WILL THERE BE ANY PERMIT FEES?</p>	<p>The College will issue an "Owner" permit for construction from the Facilities Planning Department. The contractor will provide company information including license and qualifier, as well as any subcontractors (roofing, electrical, etc.). There are no permit or plan review fees associated with this work.</p> <p>The College "District Facilities Planning Department", Chief Building Official Paul Cassidy will issue separate permits for each campus, applicable to multiple buildings and work specific to that site.</p>
<p>110 ARE EXISTING PROJECT CAD DRAWINGS SUITABLE FOR PERMIT PURPOSES</p>	<p>Yes, with the addition of placement of cable routes on the diagrams.</p>
<p>111 WILL SHOP DRAWINGS BE REQUIRED BY PBSC, OR ONLY FOR CONTRACTORS INTERNAL PURPOSES?</p>	<p>Yes, shop drawing type submittals will be required per Spec Section 281000-1.6.</p>
<p>112 ARE THERE ANY "LIQUIDATED DAMAGES" ON THIS PROJECT?</p>	<p>Liquidated Damages will be negotiated at the time of contract between the vendor and the College.</p>
<p>113 ARE THERE ANY WAGE REQUIREMENTS SUCH AS DAVIS-BACON FOR THIS PROJECT?</p>	<p>To the best of our knowledge, this project will not be funded using any Federal money, consequently there will be no wage requirements attached.</p>
<p>114 WILL PBSC BE RESPONSIBLE FOR MANAGING THE SYSTEM UPON FINAL ACCEPTANCE?</p>	<p>The system will be managed using College resources, but warranties for equipment and workmanship must be honored. Maintenance agreements are specified in the bid for hardware and software beyond the hardware/software warranty period.</p>
<p>115 SECTION 28100-3.10 - TRAINING REQUIREMENTS WILL THERE BE ONE TRAINER PER CAMPUS FOR "TRAIN THE TRAINER" PURPOSES? SHOULD 160 HOURS BE ALLOCATED FOR TRAINING? (ONE WEEK PER CAMPUS)</p>	<p>Previously answered in Q26. Staff training at each campus will consist of training more than just one person, but there will be Train the Trainer training so that future staff not in place at the time of training can be trained by internal resources</p>
<p>116 SECTION 282300-2.2.B.2 - DO CAMERAS NEED TO HAVE AN SD CARD SLOT?</p>	<p>This is a requirement for all fixed cameras.</p>

<p>117 PRICING SHEET (A-1) a. Should the Annual Recurring License and SSA fees be included in line #11 Extended Maintenance Agreement line? Or should these be presented separately? b. What items should be included in 10. Add Alternates? c. What items should be included in 11. Deduct Alternates? d. What are examples of "Proposal Deviations"?</p>	<p>a. Break out yearly license and SSA fees separately. b. See Add alternate # 1-3 definitions in tab. c. See Deduct Alternate #1 definitions in tab. d. Vendor proposed deviations from plans and documents the college may consider during proposal review to upgrade solution or provide value engineering deduct solutions.</p>
<p>118 WILL ALL INTERIOR WORK REQUIRED NEED TO BE DONE "AFTER-HOURS"? IF SO, WHAT ARE THESE HOURS?</p>	<p>In most cases, interior work will need to be done after hours. Generally speaking, after hours is between 10pm and 7am Monday through Friday, and from 3pm Saturday to 7am Monday. Some College facilities operate occasionally during the after-hours periods and will need to be scheduled accordingly.</p>
<p>119 BICSI REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER DOES THE EXISTING GROUNDING SYSTEM MEET BICSI/NEC REQUIREMENTS?</p>	<p>BICSI is an "organization", not a code compliance or regulatory agency. All aspects of the construction will have to comply with FBC 2010, NFPA 101 Life Safety Code and NEC National Electrical Code.</p>
<p>120 ARE ANY BONDS REQUIRED FOR THIS PROJECT? IF SO, WHAT TYPE?</p>	<p>All major construction projects require insurance and bonding (1) performance & payment bond - required, (2) no Bid bond.</p>
<p>121 ARE ANY SECURITY CLEARANCES REQUIRED FOR THIS PROJECT (IE. JESSICA LUNSFORD ACT)?</p>	<p>No.</p>
<p>122 SECTION 28100-2.2 - SPARE EQUIPMENT ARE CAMERA LENSES INCLUDED IN REQUIRED SPARE EQUIPMENT SUBMITTAL?</p>	<p>Yes</p>
<p>123 WHEN ARE WORK PRODUCT SAMPLES TO BE SUBMITTED? ARE THESE PRODUCT CUT-SHEETS OR ACTUAL EQUIPMENT SAMPLES?</p>	<p>As defined in Spec Section 281000-1.6 to be submitted after selection of vendor.</p>
<p>124 Do you want the camera software support cost in the proposal for the hardware or in the maintenance agreement.</p>	<p>Both</p>
<p>125 What is correct 800 x 600 or 1280 x 720; 800 x 600 is on the plans and 1280 x 720 is in the spec.</p>	<p>1280 x 720 shall be the minimum resolution.</p>
<p>126 What is the % of motion used to calculate the storage for the video?</p>	<p>12 hours per day and motion only thereafter.</p>
<p>127 Now that you have extended the due date on RFP #12/13-12 are you also extending the date for questions?</p>	<p>The College allocated one month from the release date for questions to be asked of the College. If we were to extend the question and answer period, we would delay the project by an additional month past the month we have already extended because of the winter and spring breaks. We will not be extending the question and answer period.</p>