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ADDENDUM NO: 4

IFB/RFP No: ITB NKU-14-2022

Project /Commodity: Residence Hall Security
 Camera Installation

Date: 01/31/2022

Due Date: 02/07/2022 @ 2PM ET

BIDDER/RESPONDER SHALL CONFORM TO THE FOLLOWING CHANGES AS SAME SHALL BECOME BINDING UPON THE CONTRACT TO BE ISSUED IN RESPONSE TO THIS INVITATION FOR BID.

ITB: NKU-14-2022 Residence Hall Security Camera Upgrade Questions & Answers

Overview

This document contains the questions, answers, and other important clarifying information captured during the pre-bid conference/campus walkthrough conducted on Thursday, 1/20/2022, 11am-3pm ET.

Online location of NKU Technology Infrastructure Cabling Standard is located [HERE](#) or http://nkuconstruct.nku.edu/NKU_Project_Standards/NKU%202018%20Technology%20Infrastructure%20Standards%20Revised%202-1-2018.pdf

Question	Response
Will emailed bids be an acceptable, official response from bidders?	Yes, email bids will be accepted as official responses, as long as they are received by NKU by the closing date and time noted in the bid. Bids not received by NKU by the closing date and time will not be accepted.
Correction/Update to ITB Section 3.5: Bid Submission and Deadline	The bidder shall submit, by the time and date specified via email to: Blaine Gilmore Director, Procurement Services gilmoreb@nku.edu
The count of cameras on the building diagrams is different from the 194 camera/license count in the ITB. What is the true final count of cameras and licenses needed for the project	Not to exceed 194, The total number of cameras will vary based on the bidder's choice of single or multilens camera selection. To aid in bidder selection, the updated building diagrams (posted in NKU planroom) include color designations for camera lens types to guide suggested possible uses: Pink = 4 lens camera Blue = Outdoor / bullet camera Green = single lens camera Yellow = 2 lens camera Some, but not all, building diagrams contain notes per floor for camera type and count
Is Power (PoE) and switch ports provided by NKU, or should these be accounted for in the bid?	Power (PoE) and data switchports will be provided by NKU and should not be part of the bid
Is this project only adding new cameras or will any existing cameras be replaced?	Generally, this project is only adding new cameras; however, there are there select

	<p>opportunities in University Suites, Callahan Hall, and Norse Hall to replace single lens cameras with multi-lens cameras.</p> <p>If an existing single-lens camera is replaced by a new multi-lens, it can be reused in a different location that requires a single-lens camera.</p>
<p>Will NKU / this project provide on-site storage?</p>	<p>No, there will be no on-site storage provided at NKU for this project.</p>
<p>Flex series bullet cameras come bundled with free licenses. Would these cameras and licenses be acceptable for this bid?</p>	<p>As long as the cameras, cabling, and licensing comply with the technical, operational, and support requirements outlined in the bid and the NKU Technology Infrastructure Cabling Standard using such equipment and licensing would be acceptable.</p>
<p>Can NKU highlight the data closets on the building diagrams to indicate where camera to which cabling should be ran?</p>	<p>Yes, for most but not all buildings. Where possible, the building diagrams will be updated and uploaded back to the NKU Planroom. Also, pictures of building network stacks are included for reference</p>
<p>What are the work times?</p>	<p>We are defining two general types of work:</p> <ol style="list-style-type: none"> 1. “Disruptive” work: work that creates a lot of noise, or potentially may create safety or privacy concerns. Examples: Drilling, hammering, long, stationary job work near dorm windows (privacy), lift work, digging/backhoe work etc. 2. “Quiet” work: work that doesn’t create a lot of work or creates safety or privacy concerns. Examples: running cables, mounting/pointing cameras, assembling conduit to pre-drilled/prepared areas etc. <p>Disruptive work must be performed during the hours of 10am ET to 7pm ET.</p> <p>Quiet work can be scheduled more flexibly, as early as 6am ET, on a pre-determined week-by-week or case-by-case basis.</p> <p>Weekend and holiday work will be flexibly accommodated, based on type of work and hours pre-determined between the contractor and the NKU project team.</p>
<p>What are the project start and end expectations?</p>	<p>The ITB will be awarded in February 2022. Work will be scheduled to begin shortly after the award estimating a March/April 2022 start date.</p> <p>Please reference section 3.43 of the bid for important supplemental details.</p> <p>The preferred completion date for all work is 6/30/2022.</p>

	<p>If all work cannot be completed by 6/30/2022, all work must be completed by no later than Monday 8/15/2022.</p> <p>NKU understands that supply chain issues may cause delays. Bidders should indicate their level of confidence to complete the job within these timeframes, or provide assurances of when the work will be completed.</p> <p>If work is not completed by 8/15/2022 or a date predetermined, NKU may impose liquidated damages to the contractor-at-fault for the delay up to \$100.00USD/workday. Such damages will be determined solely at the discretion of NKU based on the circumstances of the delay.</p>
Will contractors be given keys to access data closets and other work areas?	Selectively, yes. NKU contacts will provide keys to work areas on a Monday through Friday, week-to-week basis, based on need.
What is the version of the Exaqvision Enterprise software we are using?	21.06 as of 1/20/2022
Does NKU require testing and results documentation for data cabling?	Yes, per the installer certification and manufacturer’s warranty requirements. Please reference the cabling standards weblink above for more information.
Does the contractor need to cable from the patch panel to the switch?	No, NKU project team will perform this work. If the camera comes with a patch cable, it should be used in the install. If the camera does not have a patch cable, or it is unsuitable for the install, NKU will be responsible to provide the proper cabling for install.
Will the contractor need to (re)paint conduit during the project?	The contractor should keep the NKU project team updated for any (re)painting needs caused by the project. NKU will be responsible for (re)painting newly installed conduit work. However, any damages caused by the contractor are the responsibility of the contractor to repair at their own expense.
How long has NKU used the Exaqvision Enterprise that is named in the bid?	Approximately 7-8 years from 2022. Servers were virtualized in 2019 and have run as virtual machines since then.
Informational Clarification: Contractors should supply an Ortronics 24-port patch panel aligning to the cabling standards listed in the online web link above	Contractor will supply an unloaded Ortronics 24 - jack, patch panel. If there are existing open ports on an already installed patch panel that is suitable for the install, the contractors can use those. Contractor should purchase a patch panel for the project assuming no patch panel availability. Any unused patch panel/panel jacks should be given to NKU IT for use.
Informational Clarification: The Norse Commons building is removed from scope of this project	
Informational Clarification: Northern Terrace Floor 4 computer room is named “PC Lab”. Contains no PCs.	

Informational Clarification: University Suites has conduit that may be usable in this project that runs vertically, top to bottom in the walls	
Informational Clarification: University Suites building, loading dock: Preference would be camera has the capability to clearly read vehicle license plates. This is NOT a requirement	Bidders that wish to, should call out this capability as a feature of their bid.
Informational Clarification: University Suites, Floor 1, near Room 167 and laundry room – opportunity to upgrade an existing single-lens camera to a multi-lens camera	
Informational Clarification: University Suites, Floor 2, near Rooms 204/205/203/203 – opportunity to use to a multi-lens camera	
Informational Clarification: University Suites, Main Lobby near the building entrance – opportunity to upgrade an existing single-lens camera to a multi-lens camera	
Information Clarification: Norse Hall, may require external conduit. 3-5 cameras (depending on single versus multi-lens chosen by contractor) in each breezeway	
Information Clarification: Norse Hall, Contractors have the ability to run cabling through attic (up, over, down). If cabling is ran through attic, it is preferred but not a requirement to be indoor/outdoor rated.	
Informational Clarification: Norse Hall has 3 data closets. 1 MDF location requires a new cabling pathway to be created to the attic because the current conduits are full. The 2 other IDF's are usable to the attic.	
Informational Clarification: Norse Hall, Breezeway 3, and the Breezeway 5 - opportunity to use fewer, cameras by choosing multi-lens versus single-lens cameras	
Informational Clarification: Norse Hall, 2" (two inch) conduit is preferred, but not a requirement. The conduit chosen should allow for at least 2 or more additional cables. Follow BICSI standard as described in the weblink above.	
Informational Clarification: NKU data closets are configured in stacks	

Ceiling Types per Building (at least in the open spaces / hallways)

Building	Ceiling type
Callahan Hall	Drop ceiling
Northern Terrace	? Concrete or Stucco (not drywall)
University Suites	Drop ceiling
Kentucky Hall	? Concrete or Stucco
Commonwealth Hall	? Concrete or Stucco
Norse Hall	We didn't go inside these buildings. The breezeways ceilings are concrete