

QUESTION & ANSWER ACKNOWLEDGEMENT FORM

TALLAHASSEE COMMUNITY COLLEGE
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Proposal No: RFI 2019-04
Proposal Title: Wireless Infrastructure Modernization Project
Proposal Due Date: May 31, 2019 @ 1:45 p.m. EDST
Proposal Opening: May 31, 2019 @ 2:00 p.m. EDST
Date: May 14, 2019

THIS FORM CONTAINS QUESTIONS SUBMITTED BY PROSPECTIVE RESPONDENTS AND THE COLLEGE'S ANSWERS.

THE QUESTION & ANSWER FORM MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE, DATED AND RETURNED WITH THE PROPOSAL.

RESPONDENT: _____ BY: _____

ADDRESS: _____ PHONE: _____

CITY, STATE: _____ DATE: _____

AUTHORIZED SIGNATURE _____

Questions from: ENA - Education Networks of America - Brian Hubbard-April 24, 2019	
Question #1	In the RFI for Wireless Infrastructure there is a listing for Appendix A - Drawings that indicates there are network drawings. However, the PDF does not include these drawings. Would you please send those to me for our review of your RFI?
Answer #1	The "Appendix A Drawings" were posted as separate documents (3) in conjunction with the RFI.
Questions from: Prosys Information Systems - Mike Bouis-May 2, 2019	
Question #3	Page 18. Leasing or Purchase. What are the maximum terms for Leasing or Financing? Are you expecting beyond 5 years?
Answer #3	While we would prefer a maximum of 5 years, available funding may require a longer term. Please feel free to quote terms of 5 years and longer than 5 years. We also prefer a \$1.00 buy-out.
Question #4	Can you provide a rough inventory of the legacy Cisco units by model # and quantity that can be Traded In?
Answer #4	(2) Cisco 5508 Controllers, (90) 11xx/12xx Access Points, (130) Cisco 2602 Access Points, (14) Cisco 2702 Access Points. All equipment is end-of-life.
Question #5	Are we do assume all Switching infrastructure is or will be POE+ when this upgrade commences?
Answer #5	Yes, however we plan to use power-injectors in areas with less than three POE devices.
Question #6	All upgrading/replacing will occur during normal business hours. Please confirm?
Answer #6	The timing of when upgrades and replacements will occur is dependent upon the impact to those areas of the campus being upgraded/replaced. For example, we can not disrupt classes that are in session, nor can we disrupt events such as class registration. It should be assumed that some/all work will need to happen outside of normal business hours, which would mean evenings, early mornings and weekends. We will work on a schedule with the successful vendor as any schedule will be dependent on the technology and schedule being proposed.
Question #7	Are there any special consideration such as time of week or day, e.g. class registration that we'll not be able to perform the upgrade?
Answer #7	The timing of when upgrades and replacements will occur is dependent upon the impact to those areas of the campus being upgraded/replaced. For example, we can not disrupt classes that are in session, nor can we disrupt events such as class registration. It should be assumed that some/all work will need to happen outside of normal business hours, which would mean evenings, early mornings and weekends. We will work on a schedule with the successful vendor as any schedule will be dependent on the technology and schedule being proposed.
Questions from: Netsync - Ashley Bourgeois-May 3, 2019	
Question #8	8. Are the provided maps showing locations of existing wireless access points and/or showing anticipated locations of new access points? a) Has the district performed RF site surveys and determined that the current AP counts and locations provide adequate coverage?
Answer #8	8. Maps of existing wireless access points have been provided. We expect the selected vendor to provide maps of anticipated location for access points. 8a) No.
Question #9	Will the district require a post-installation passive wireless survey to document coverage?
Answer #9	Yes. We also expect that to be part of our wireless management solution for ongoing management.
Question #10	10. Will all cabling for new access points be in place at the determined locations? a) The district lists the current cabling as cat5e, will AP runs be upgraded to Cat6? b) Will the district or a third party be responsible for cabling from IDF to AP locations?
Answer #10	10. Yes, Once we have selected a vendor to work with, we will then determine the location of any necessary cabling and the timing of installation. 10a) Vendor would need to state specific reasons for the College to consider cable upgrades. We would then discuss with the final, selected vendor. 10b) Negotiable.
Question #11	11. Are any APs mounted outdoors? Some maps seem to indicate APs outside a) If outdoor APs are required, can the district confirm the mounting surfaces for those APs and antenna patterns required? (omnidirectional, directional, etc)

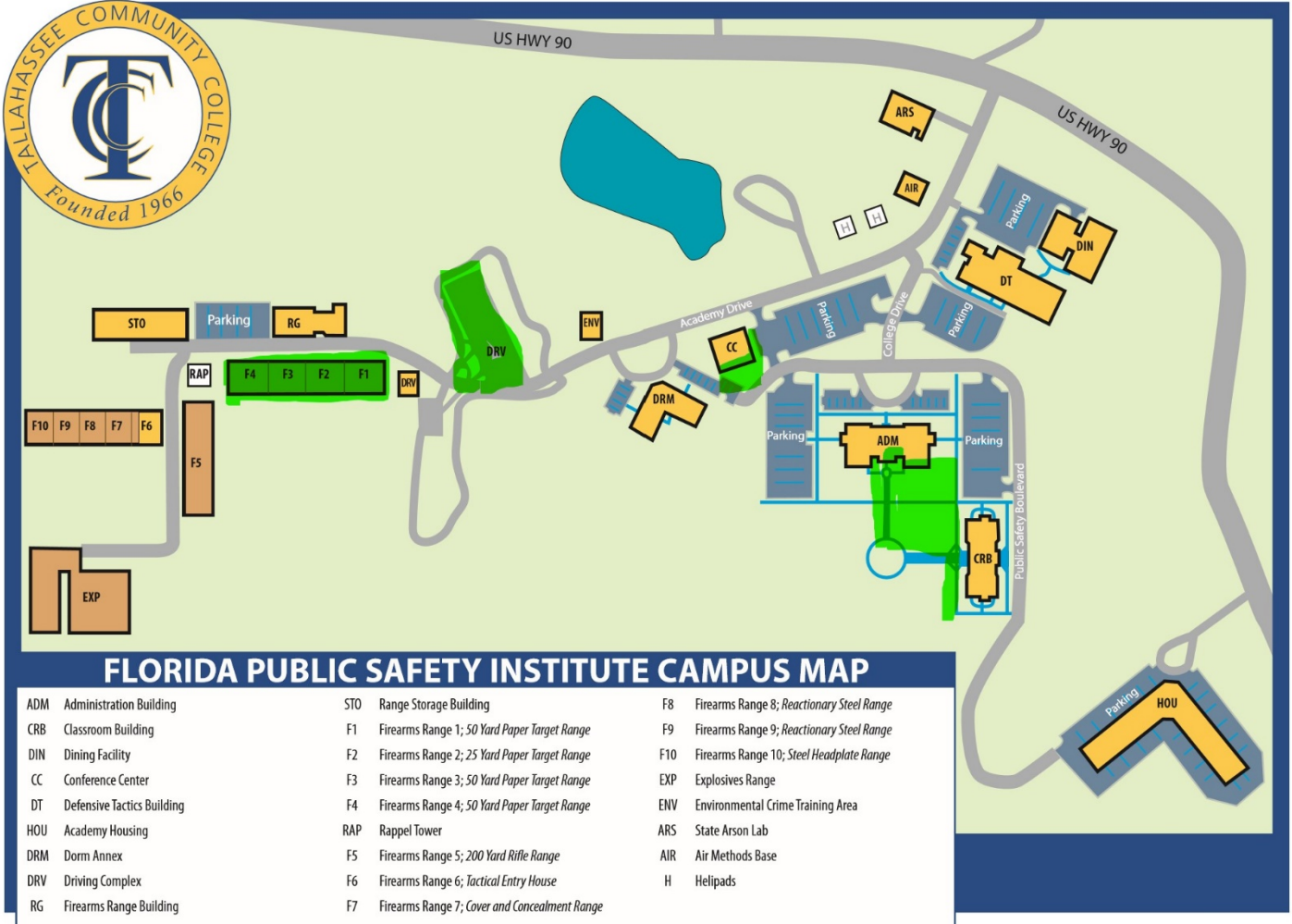
Answer #11	11 There are some locations on main campus that have external antennae. See "Appendix A" below this document. 11a) This depends on the suggested implementation from the vendor.
Question #12	Can the district provide an inventory of all the current access points including model type?
Answer #12	(2) Cisco 5508 Controllers, (90) 11xx/12xx Access Points, (130) Cisco 2602 Access Points, (14) Cisco 2702 Access Points. All equipment is end-of-life.
Questions from: SHI - Meghan Flisakowski-May 3, 2019	
Question #13	Would TCC consider at minimum 5 references of customers we have provided similar services for and if applicable provide a list and contact information for any customers where we were removed from a similar project?
Answer #13	The References section of the RFI states the number and type of references that we wish to see. While our preference is for educational references, the RFI allows for non-educational references.
Question #14	Can a vendor respond to just the hardware portion and not the services piece?
Answer #14	No.
Question #15	On page 18, TCC states: Note: The respondent must provide a proposal for all wireless vendors and product lines that they represent. Further, vendor must rank the proposed solutions with clear indication as to the reasoning of the ranking. As an IT reseller, our list of available products is lengthy and to create a BOM and provide specific details for each product would be challenging. Will TCC accept an overview all products we are able to sell and allow us to then provide a complete response based on the one product we recommend for TCC?
Answer #15	We are not looking for an equipment-only proposal. Our requirement to list all vendors and product lines is so that the College can select which technologies we would like to implement if a vendor represents more than one technology solution.
Questions from: Dell Technologies - Stan Parish-May 3, 2019	
Question #16	Would the University consider allowing Bidders to offer the same terms as the State has accepted under other State of Florida agreements (such as the Seminole TRP Agreement) in the alternative to the stated terms in the solicitation?
Answer #16	Possibly. Documentation and rationale would need to be provided.
Question #17	Is the intent of the college to upgrade to the latest wireless standards?
Answer #17	We ask that the vendors consider all of the information contained in the RFI, including questions related to future upgrades, as they consider what standards to recommend.
Question #18	Does the college want or asking for 802.11ax AP's? or 802.11ac wave 2?
Answer #18	We expect the selected vendor to propose a solution based on the needs stated in the RFI.
Question #19	If 802.11ax is the choice, is the intent of the college to run new cables to support these ap's and the multirate ethernet ports needed.
Answer #19	We expect the selected vendor to propose a solution based on the needs stated in the RFI. Vendor would need to state specific reasons for the College to consider cable upgrades. We would then discuss with the final, selected vendor.
Question #20	If 802.11ax is the choice, is the intent of the college to provide the multirate ethernet ports/switches at each location or should we provide the switches to support the high rate of PoE needed as well as the support for multirate ethernet, either 2.5 or 5Gigabit ethernet.
Answer #20	We expect the selected vendor to propose a solution based on the needs stated in the RFI. Vendor would need to state specific reasons for the College to consider cable upgrades. We would then discuss with the final, selected vendor.
Question #21	Does the college have the virtual server infrastructure to support virtual controllers?
Answer #21	Yes, Hyper-V only.
Question #22	Regarding vacation/training hours for employees working on campus, does that apply to this & if so, what is the college looking for?
Answer #22	We do not understand this question. Which employees are you referring to, and what vacation/training hours are you referring to? If it is related to whether we expect the vendor to perform work during normal business hours, then the answer is: The timing of when upgrades and replacements will occur is dependent upon the impact to those areas of the campus being upgraded/replaced. For example, we can not disrupt classes that are in session, nor can we

	disrupt events such as class registration. It should be assumed that some/all work will need to happen outside of normal business hours, which would mean evenings, early mornings and weekends. We will work on a schedule with the successful vendor as any schedule will be dependent on the technology and schedule being proposed.
Question #23	In terms of deployment of the solution, is the College looking to have this deployed at all locations at once or phased in groups or one campus at a time?
Answer #23	We expect the selected vendor to propose a solution based on the needs stated in the RFI.
Question #24	In section 14, item 9 of questions, please expand on the ask around benefit for the College. What specifically is being asked for.
Answer #24	For any proposed solution developed by you, we wish to know why the College should consider that solution. That is, how will the tools you have developed, and propose to use, be of benefit to the College either financially, or in other ways.
Questions from: Questions Fielded during Campus Tours April 25-26	
Question #25	Is there a way for vendors to determine the necessary density?
Answer #25	Our current wireless solution does not give us an automated report of high traffic areas and due to the nature of classroom booking it is difficult see a consistent model. Vendors are welcome to contact us to arrange times for any additional surveys they might wish to conduct.
Question #26	Are you looking for 100% coverage of all campus buildings and outdoor areas?
Answer #26	The scope of coverage is described in the Introduction and Purpose section, item #11.
Question #27	Is there any location that you expect outdoor coverage?
Answer #27	While we do wish to have outdoor coverage, there are specific areas, especially on the Main Campus, Florida Public Safety Institute and Ghazvini Center for Healthcare Education campus that require outdoor coverage. Please see Appendix B below this document.
Question #28	Could you please provide a picture of Moore Lecture Hall (building 4) and max occupancy?
Answer #28	Max Occupancy per room is 144. See Appendix C below this document for a photo of the room layout.
Question #29	Will vendors have the opportunity to complete a heat-map?
Answer #29	Yes. However, limited staffing may require doing so on specific dates and times. If you wish to complete a survey, please put a request in writing indicating the number of hours/days needed and what building(s)/campus' you intend to complete in the survey.
Question #30	Can wireless access points be mounted to outside light poles?
Answer #30	There is conduit to each light pole. However, the conduit contains the power cable which is multi-phase 480 volts which may cause a degradation of the data signal. Vendors should determine whether they can utilize this type of conduit environment.
Question #31	Could you please provide the seating capacity of the Auditorium on Main Campus?
Answer #31	Yes. Max occupancy is 500.

Appendix A- Existing external antennae (Question #11)

Note: Antennae noted by yellow arrow





FLORIDA PUBLIC SAFETY INSTITUTE CAMPUS MAP

ADM Administration Building	STO Range Storage Building	F8 Firearms Range 8; <i>Reactionary Steel Range</i>
CRB Classroom Building	F1 Firearms Range 1; <i>50 Yard Paper Target Range</i>	F9 Firearms Range 9; <i>Reactionary Steel Range</i>
DIN Dining Facility	F2 Firearms Range 2; <i>25 Yard Paper Target Range</i>	F10 Firearms Range 10; <i>Steel Headplate Range</i>
CC Conference Center	F3 Firearms Range 3; <i>50 Yard Paper Target Range</i>	EXP Explosives Range
DT Defensive Tactics Building	F4 Firearms Range 4; <i>50 Yard Paper Target Range</i>	ENV Environmental Crime Training Area
HOU Academy Housing	RAP Rappel Tower	ARS State Arson Lab
DRM Dorm Annex	F5 Firearms Range 5; <i>200 Yard Rifle Range</i>	AIR Air Methods Base
DRV Driving Complex	F6 Firearms Range 6; <i>Tactical Entry House</i>	H Helipads
RG Firearms Range Building	F7 Firearms Range 7; <i>Cover and Concealment Range</i>	

- AP - Inside reception room 100
- AP - Hallway outside room 121
- AP - Hallway outside room 127
- AP - Hallway outside room 131



**FACILITY #1 (GCHE)
GHAZVINI CENTER FOR HEALTHCARE
EDUCATION
1ST FLOOR PLAN**

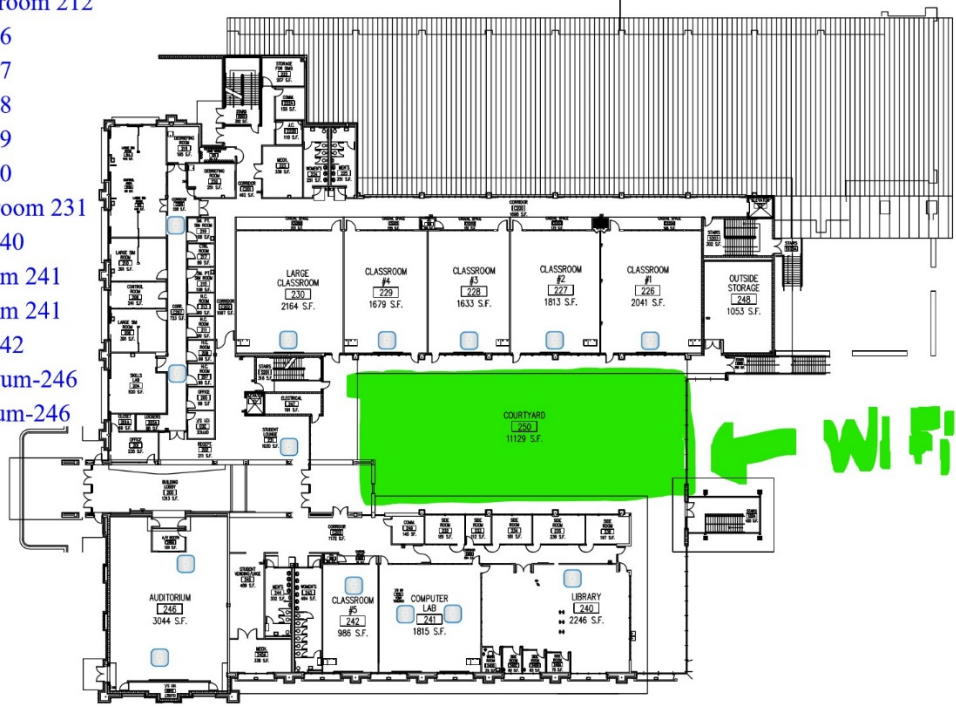
EXT. COVERED AREA FOR COLLEGE USE
0 SF
NET ROOMS
-- SF
GROSS AREA
59062 SF



**FACILITIES PLANNING AND
CONSTRUCTION DIVISION**

REVISED BY: AMBER REAMS
REVISION DATE: 12-05-13
SCALE: 1/4" = 1'-0"

- AP - Hallway outside room 207
- AP - Hallway outside room 212
- AP - Front of room 226
- AP - Front of room 227
- AP - Front of room 228
- AP - Front of room 229
- AP - Front of room 230
- AP - Center of lobby/room 231
- AP - Center of room 240
- AP - North side of room 241
- AP - South side of room 241
- AP - Center of room 242
- AP - Front of Auditorium-246
- AP - Rear of Auditorium-246



**FACILITY #1 (GCHE)
GHAZVINI CENTER FOR HEALTHCARE
EDUCATION
2ND FLOOR PLAN**

EXT. COVERED AREA FOR COLLEGE USE
0 SF
NET ROOMS
48721 SF
GROSS AREA
-- SF



**FACILITIES PLANNING AND
CONSTRUCTION DIVISION**

REVISED BY: AMBER REAMS
REVISION DATE: 12-05-13
SCALE: NTS

Appendix C- Moore Lecture Hall- Main Campus (Question #28)

