

**THE
UNIVERSITY
OF RHODE ISLAND**

**DIVISION OF
ADMINISTRATION
AND FINANCE**

THINK BIG  WE DO™

PURCHASING DEPARTMENT
10 Tootell Road, Suite 3, Kingston, RI 02881 USA p: 401.874.2171 f: 401.874.2306 uri.edu/purchasing



DATE: 6/24/16

ADDENDUM #1

BID NO.: 100259
OPENING: 7/1/16 – 3:00 PM
COMMODITY: DORMITORY WIFI UPGRADE PROJECT

1. Attached is the sign-in sheet from the mandatory pre-bid conference held on 6/23/16 at 10:00 AM.
2. It was determined at the mandatory pre-bid conference that the site visit that followed would not be considered mandatory for all buildings and vendor proposals for those who attended the mandatory pre-bid conference but did not attend a site visit for all buildings would still be considered, therefore a second sign-in sheet for site visits was eliminated.
3. Additional specifications on the attached pages numbered 8-10 are incorporated into the specifications of Bid No. 100259. Vendors are to disregard Item #20 as the access point locations will require a single data cable.
4. The University's Fire Protection System Impairment policy is attached and incorporated into this specification. The successful bidder will be required to follow the attached and complete the appropriate paperwork in accordance with the policy.
5. The tentative schedule included in the specification has been updated as follows. Please note that this may be adjusted at the University's discretion for reasons such as building and room availability, etc.

Tentative Schedule:

July 15th: Adams
Bressler
Butterfield

August 1st: Heathman
Browning
*Butterfield

(*if any conflict with the prior date arises)

August 20th: Completion Date for the above.

December 26th: Hillside
Wiley
Eddy
Garrahy

January 20, 2017: Completion Date for the above. Dorms re-open on 1/21/17.

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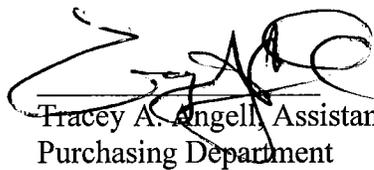
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6. Attached is a check-list to assist in ensuring all of the necessary documentation is included with your bid proposal submission.



Tracey A. Angell, Assistant Director
Purchasing Department
The University of Rhode Island

Rev. 9-1-15



PAGE 1 OF: 1

"MANDATORY" PRE-BID CONFERENCE SIGN-IN SHEET

Mandatory pre-bid conference: Any vendor who intends to submit a bid proposal in response to this solicitation must have its designated representative attend the mandatory pre-bid conference. The representative must register at the pre-bid conference and disclose the identity of the vendor whom he/she represents. Because attendance at the pre-bid conference is mandatory, a vendor's failure to attend and register at the pre-bid conference shall result in disqualification of the vendor's bid proposal as non-responsive to the solicitation.

| | | | |
|------------------------|--|----------------------------|------------------|
| BID NUMBER: | 100259 | PURCHASING REPRESENTATIVE: | Tracey Angell |
| BID TITLE: | Dormitory WiFi Upgrades | | |
| LOCATION: | URI Purchasing Dept. Conf. Room, 10 Tootell Road, Kingston, RI 02881 | | |
| PRE BID DATE AND TIME: | 6/23/16 - 10:00 AM | PRE BID END TIME: | 11:00 AM approx. |

| Company Name: | Representative: | Email Address: | Phone Number |
|------------------------|-----------------|---|--------------|
| K + m | Robert Lane | R.lane@kandmcommunications.com rlane@kandmcommunications.com | 508-857-2011 |
| AT&T Connect | Karin Silveira | ksilvr@atseagle.com dhave@atseagle.com | 401 941 8000 |
| COW-G | Matt Cameron | Mattcam@cdwg.com | 203-851-7185 |
| Reliable | Vitaly Evdoshin | vitaly7@yahoo.com | 207-284-3127 |
| SYNET | Jay Peters | JPETERS@SYNETINC.com | 401-862-7326 |
| Computer Telephone | David Resnick | DResnick@computerphone.biz | 401 737 5300 |
| Computer Telephone | Rob Freiberger | RFreiberger@computerphone.biz | 737 5300 |
| Hub Technical Services | Ken Carter | kcarter@hutech.com | 508-238-9887 |
| Synet | Dana Caggiano | DCAGGIANO@SYNETINC.COM | 401-374-2795 |
| | | | |
| | | | |
| | | | |
| | | | |

- 15.1 All Firestopping performed on this project shall be in accordance with the current edition of the National Electric Code, the current edition of the National Electrical Safety Code, the current edition of the BICSI Telecommunications Distribution Methods Manual, the latest issue of the ANSI/TIA/EIA Standards as published by Global Engineering Documents as TIA/EIA Telecommunications Building Wiring Standards, and all local fire safety codes and ordinances.
- 15.2 The Contractor shall fire stop all penetrations necessary to restore fire ratings to walls, conduits, ceilings and floors made during the installation of the communication system. All outside plant building penetrations shall be firestopped.
- 15.3 3M Inc. or an approved equal shall manufacture all firestopping materials. The Contractor shall follow all manufactures recommended firestoppong procedures.

16) As-Built Documents

- 16.1 The Contractor shall keep an accurate record of all changes between the project drawings and what actually is installed. All questions regarding the project drawings shall be made in writing.
- 16.2 The Contractor shall provide to Media & Technology Services 2 complete printed sets of As-Built drawings and spread sheets, indicating any changes to the project documents, cable pathways, cables source and destination, EMT conduit runs, building floor plans, detailed cable counts, cable ID's, project title, date, and telecommunication abbreviations.
- 16.3 The Contractor shall provide all complete As-Built documents in Auto-CADD 2007 or better.
- 16.4 All test results shall be submitted in both hard and soft copies.

17) Materials & Equipment

The University of Rhode Island has specified Panduit & General Cable Physical Infrastructure as No Brand substitutes. The contractor shall furnish and install all Panduit jacks, faceplates, patch panels, cable trays, racks, wire management, grounding products, General Cable and associated components necessary to complete the structured cabling system. The contractor shall verify the ceiling usage so that the NEC National Electrical Code and NFPA National Fire Protection Association and all other local codes and ordinances are enforced. For spaces where plenum is not required the minimum cable jacket rating shall be riser.

17.1 Data Cables & Equipment

- 17.1.1 The inside plant station data cables shall be Blue Panduit Category 6A Matrix U/UTP Cable PUR6A04BU-UG **PUR6AM04BL-CG**
- 17.1.2 The wireless station CAT6A data modules shall be red MiniCom Panduit Part #CJ6X88TGRD

17.1.3 The 24 Port CAT6 modular patch panels shall be Panduit Part #CPPL24WBLY.

17.1.4 The patch panel rear strain relief shall be Panduit # SRBM19BLY.

17.1.5 The patch panel blanks for unused ports shall be black Panduit Part #CMBL-X

CMBBL-X

17.2 Cable Supports & Hardware

17.2.1 Panduit Stronghold Hangers and supports equivalent to Caddy Fasteners horizontal cable supports, Panduit JP75W-L20 (CAT12), Panduit JP131W-L20 (CAT21), Panduit JP2W-L20 (CAT32), Panduit JP4W-X20 (CAT425), Panduit PCATHBA (CATHBA) and associated hardware shall be installed per the manufactures fill requirements.

17.2.2 All horizontal & vertical through wall or ceiling penetration sleeves shall be EMT and sized accordingly. All sleeves shall have Arlington plastic terminators installed to prevent chaffing. Cables installed on backboards and within the telecom closets shall be supported with D-Rings in neat bundles.

20) University of Rhode Island Telecom abbreviations

20.1 (2D) 2-Data

20.2 (3D) 3-Data

20.3 (4D) 4-Data



Do these apply?
Probably should
show wireless drop
requirement

21) Scope of work for URI Dormitory WiFi Project:

21.1 The scope of work includes providing the following labor, materials, and equipment necessary to perform the complete installation and terminations of the Panduit Category 6A communications system described within and on the drawings.

21.2 The Contractor shall install, terminate, test and label all communication cables as shown on the drawings and as described. The scope includes the installations of all modules, wall plates, data patch panels, hardware, j-hooks, blocks, cable supports, fire stops, D-Rings, ground bars, wire management's, cable trays and conduits sleeves necessary for the completion of the communication system.

21.3 The contractor is responsible to thoroughly clean and the dust the telecom closets, offices, desks and spaces disturbed by daily activities. The contractor shall close up all ceiling tiles and not leave any work uncovered at the end of each business day.

21.4 All conduits and electrical boxes that are exposed in living areas must be painted to match wall or ceiling that it is mounted to.

- a. Conduit and electrical boxes must be painted outdoors. **Do not paint university property while painting conduit.**
 - b. Conduit and electrical boxes must be wiped with vinegar, then painted with Sherman Williams ProBlock.
 - c. The University will supply paint codes for the buildings.
 - d. Contractor is responsible for supplying all paint.
- 21.5 All work shall be scheduled during normal business hours M-F 7:30-4:00 unless otherwise noted.
- 21.6 Assume that all rooms are occupied and will require working around residents.
- 21.7 Escorts will be provided by the university to unlock doors and observe contractors.
- 21.8 No existing data or voice cabling shall be removed or taken off line unless approved by owner.
- 21.9 The contractor is required to work around all existing services, utilizing existing raceways and pathways were feasible. The intent is for the contractor to install, test and terminate the new cabling infrastructure and turn over to the University for Acceptance.
- 21.10 The contractor shall be responsible to move and put back any and all furnishing, file cabinets, chairs and so on needed to complete this project.
- 21.11 Conduit to AP225 location must be ½ Inch. In areas without drop ceiling.
- 21.12 Contractor is responsible for installation of deep 2 gang electrical box on ceiling with single gang adapter plate to provide mounting for access point bracket. If there is drop ceiling, contractor will use drop ceiling mounting bracket for AP225 access point. They will not need electrical box.
- 21.13 Contractor will be providing and installing separate 24 and/or 48 port Panduit patch panels depending on number of access points. If space needs to be created in the rack, it is the contractor's responsibility to move switches/patch panels to make space.
- 21.14 All patch panels will be labeled with AP1, AP2, AP3 etc. as noted on construction drawings.
- 21.15 Contractor is responsible for installation of all Aruba AP225 access points. They will be labeled with room number by the university. If access point does not power, please notify project manager for troubleshooting. Contractor is not responsible for troubleshooting but must have passing cable test.
*The University will provide Aruba AP225 access points and mounting brackets.
- 21.16 The network cabling is to be terminated on Panduit jack within the deep electrical box.
- 21.17 A 1' patch cord Panduit UTP28X1RD is required to attach Panduit jack to AP225 access point E0 port within deep electrical box. For drop ceiling, service coil should be suspended over drop ceiling and patch cord extended into AP225 through small penetration in drop ceiling.
- 21.18 A appropriate length patch cord should be used to activate the AP225 access point in the closet. Please use Panduit part number UTP6ASD5RD (5 foot) or UTP6ASD4RD (3 foot).

UTP6ASD3RD

UNIVERSITY OF RHODE ISLAND
DEPARTMENT OF PUBLIC SAFETY



| ORDER | EFFECTIVE DATE | NUMBER | ISSUING DATE |
|-----------------------------------|----------------|-------------------------|--------------|
| GENERAL | 5/1/2015 | 18-1 | 4/21/2015 |
| SUBJECT TITLE | | SUBJECT AREA | |
| Fire Protection System Impairment | | Fire & Life Safety | |
| REFERENCES | | PREVIOUSLY ISSUED DATES | |
| | | NONE | |
| DISTRIBUTION | REVIEW DATE | | PAGES |
| | As Needed | | 4 |

I. PURPOSE

To minimize the probability of fire or explosion, and resulting loss of life and property, during occasions when a fire protection system is disabled, in whole or in part, for any reason.

II. DEFINITIONS

Concealed Impairment. Occurs when a fire protection system or device is left out of service or removed from service by an unauthorized person (by malfeasance or negligence) and without fire and life safety officials being aware of the situation.

Emergency Impairment. Occurs when an unexpected event impairs the normal function of the fire protection system (ex. A section of frozen sprinkler piping bursts).

Impairment. A situation in which any fire protection system, alarm, or detection device is removed from service, either partially or completely, including both planned and emergency outages of the system or devices.

Planned Impairment. A scheduled impairment, usually related to maintenance or modification of an existing fire protection system.

III. POLICY

The Coordinator of Alarm Services shall have authority over any fire protection system impairment on URI property. The Coordinator of Alarm Services shall be notified immediately of any concealed or emergency impairments upon their discovery, and shall authorize any planned system impairments at least forty-eight (48) hours in advance.

The Division of Alarm Services shall maintain a log of all system impairments and retain all Fire Protection Equipment Out-of-Service tags on file for no less than one (1) year. Additionally, URI Dispatch shall log all impairments into the University's computer-aided dispatch system and notification shall be made to the local fire department for all emergency impairments (notification is not required for routine impairments required for maintenance and testing).

All personnel working on URI property, including URI employees, employees of other state agencies, and third-party vendors, shall comply with the requirements of this policy.

IV. PROCEDURES

A. Emergency Impairments

- a. The area where the situation or condition is causing the impairment shall be isolated and, if possible, the remaining protection system shall be kept in service.
- b. The Coordinator of Alarm Services (401- 639-2268) and URI Dispatch (401-874-2121) shall be notified immediately by telephone.
 - i. Dispatch will log the impairment into the IMC computer-aided dispatch system and keep the call open until notified that the system has been restored to service.
 - ii. The IMC entry will automatically notify Kingston Fire Department of the impairment. For impairments on other URI campuses, Dispatch will notify the local fire department by telephone.
- c. Any hazardous operations in the area of the impairment shall be secured. All hot work in the area of the impaired system shall be prohibited and a fire watch established. The fire watch guidelines shall be as determined by the Coordinator of Alarms.
- d. The impaired equipment shall be tagged using the approved AIG "Fire Equipment Out-of-Service" tag.
- e. The impaired system shall be evaluated in order to determine the quickest way to return it to full service, and repairs to the impaired system begun as soon as the area is secured.
- f. The department or contractor performing the work shall ensure that additional portable fire extinguishers are placed in the impaired area(s) at accessible locations.

B. Concealed Impairments

- a. Concealed impairments are handled similarly to emergency impairments following the procedures above. In addition, notifications are required as follows:
 - i. URI Police shall be notified and a police officer shall make a report of the incident (for example, a smoke detector found disconnected in a resident's room).
 - ii. If the impairment appears to have resulted from employee negligence or error, the Assistant Director of Public Safety must be notified within one (1) business day and a written report submitted (for example, a master box left plugged following maintenance).
 - iii. An Alarm Technician shall be called in to rectify the impairment.

C. Planned Impairments

- a. The scheduling of all planned impairments shall be coordinated between the departments and vendors involved, and with the Division of Alarm Services, so as to minimize the amount of time that a system must be impaired.
- b. At least forty-eight (48) hours prior to a planned impairment:
 - i. The Coordinator of Alarms shall be contacted for approval of the impairment by submitting an impairment request form. No fire protection system may be impaired for planned work without advance authorization from the Coordinator of Alarm Services.
 - ii. AIG Global Property shall be notified of the planned system impairment. (See AIG Notification below.)
- c. During the impairment, the same considerations and procedures for emergency impairments shall be followed for planned impairments, noting the following:
 - i. The Coordinator of Alarm Services shall be notified by telephone immediately prior to any system impairment (401-639-2268).
 - ii. The impaired equipment shall be tagged using the approved AIG "Fire Equipment Out-of-Service" tag.
 1. The tag shall be completed by the RI-licensed technician or equivalent performing the work.
 2. The tag must be reviewed and signed by the Coordinator of Fire Alarms or his/her designee before the system can be impaired.
 - iii. URI Dispatch shall be notified of the impairment by telephone (non-emergency line 401-872-4910).
 1. Dispatch will log the impairment will be logged into the IMC computer-aided dispatch system and keep the call open until notified that the system has been restored to service.
 2. Fire department notification will generally not be made for planned impairments associated with routine system maintenance and testing.

D. System Restoration

- a. Upon completion of work to the fire protection system, all valves should be returned to their normal position, all alarms or detection devices returned to service, fire protection equipment reset to "automatic" mode if previously

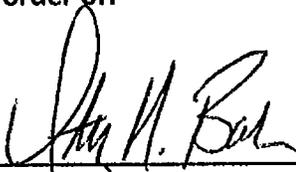
placed in "manual" mode, and all fire extinguishers checked and returned to their normal location. Technicians shall verify that all components of the system are fully operational.

- b. Both the Coordinator of Alarm Services and URI Dispatch shall be notified that the system is back in service.
 - i. URI Dispatch will close out the call in the IMC system.
- c. AIG Global Property shall be notified that the system has been restored to full service (see AIG Notification below).
- d. The bottom half of the "Fire Protection Equipment Out-of-Service" tag shall be forwarded to Alarm Services for filing.

E. Insurance Carrier Notification

- a. The Coordinator of Alarms or designee shall notify the University's insurance carrier, AIG Global Property, of any unplanned impairment as follows:
 - AIG Global Property Impairment Hotline
 - Telephone: (877) 705-7287
 - Email: GlobalProperty.Impairment@aig.com
- b. Telephone hours 8:00am to 5:00pm EST (leave message after hours)
- c. The following information should be provided to AIG, if available
 - i. Your name
 - ii. Your company name (URI Alarm Services)
 - iii. Telephone number
 - iv. Type of impairment
 - v. What system or equipment is impaired
 - vi. Whether the system is partially or completely impaired
 - vii. An estimated length of time the system/equipment will be impaired
 - viii. The precautions established while the impairment is active

By order of:



Stephen N. Baker, Director of Public Safety



**Public Works
Bid Preparation Checklist**

Date: 6/24/16

Bid No. 100259

Title: DORMITORY WIFI UPGRADE PROJECT

This checklist is provided to assist the bidder in preparing a bid proposal for submission. It is NOT a substitute for a thorough review of the bid documents nor a comprehensive list of all bid proposal requirements. Each bidder is responsible to review the instructions contained in the bid proposal and to comply with all requirements of the solicitation.

Bid Proposal Package is to include:

- ✓ Bid Cover Page, signed, in ink.
- ✓ URI Bidder Certification Form (3 pages), completed and signed in ink.
- ✓ Bid Form:
 - All applicable blank spaces on the Bid Form have been completed.
 - All addenda have been acknowledged.
 - Bid price printed legibly in ink (in both words and figures that match where specified).
 - Erasures or corrections have been initialed by the person signing the form.
 - Bid Form is signed in Ink.
 - Vendor's License number has been indicated.
- ✓ Bid Surety
 - Bid Bond or Certified Check made payable to the University of RI.
 - Bid Surety is five percent (5%) of the bid total.
 - Bid Bond is signed by the bidder and surety.
 - Bid Bond is issued by an agency authorized to do business in RI.
- ✓ A Public Copy of the bid proposal in pdf format on a read-only CD-R media disk (see instructions in the bid documents).
- ✓ All bid proposal documents are to be submitted in a sealed envelope with the specific solicitation#, Solicitation Title, and the bid proposal submission deadline marked in the upper left hand corner of the envelope.
- ✓ A completed State Contract Addendum (regarding prevailing wage requirements) is included.