ADDENDUM 3 TO REQUEST FOR PROPOSAL NO. 645-BC

SCHOOL OF NURSING AUDIO VISUAL EQUIPMENT, SUPPLIES AND INSTALLATION

University of Nevada, Las Vegas

Purchasing Department

UNLV | PURCHASING & CONTRACTS

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Date of Addendum 3 : September 2, 2015

New Opening Date and Time : September 24, 2015 at 3:00 P.M.

THE FOLLOWING ADDITIONS, DELETIONS, CLARIFICATIONS AND/OR CHANGES SHALL BE MADE AND INCORPORATED IN THE SUBJECT RFP:

ATTACHMENT 1 – LIST OF EQUIPMENT AND ROOM LOCATOR

ATTACHMENT 2 - SECTION F & G

ATTACHMENT 3 – FLOOR PLAN and Equipment

Section D – Scope of Work – The addition of the requirement that the installation must occur beginning December 18, 2015 and be completed by December 31, 2015.

Section E – Pricing Response form has been replaced with the revised attached Section E.

QUESTION 1:

Will an addendum be distributed based on the added functionality discussed during the site walk-through and vendor clarification questions asked?

ANSWER QUESTION 1:

Questions will be answered based on the scope of work. UNLV's desire is to award to a firm that can provide a system per the scope of work as a "Turn Key" solution for a complete medical simulation facility system. The system must be comprised of completely digital signals must be scalable and fit within the current facility and infrastructure.

QUESTION 2:

Please provide more details on the requirement to comply with OSHA, EPA, ADA, HIPPAA, FERPA, NCAA, and GLBA.

ANSWER QUESTION 2:

The proposers will need to contact OSHA, EPA, ADA, HIPPA FERBA, NCAA and GLBA agencies to insure they will and can meet each agencies requirement for this project.

QUESTION 3:

Would it be possible to receive an extension on the RFP deadline? Since we will be receiving back responses to questions on Friday and would need to ship out our proposals shortly after to meet the current deadline, we want to make sure we have enough time to put together an AV proposal to best meet your needs.

 ANSWER QUESTION 3:

 New Proposal Submission Date: September 24, 2015 at 3:00 P.M. Pacific Time

QUESTION 4:

Would you be able to resend the attachment for Sections F and G in another format? We were unable to open the document.

ANSWER QUESTION 4:

See Attachment 2 PDF and Section F&G is also available on our website www.unlv.edu/purchasing/solicitations

QUESTION 5:

Can you please clarify the submission requirements (number of originals, copies, and CDs/flash drives) for both the technical and pricing proposals? The requirements appear to differ on pages 1 and 8?

ANSWER QUESTION 5:

Sealed proposals, one (1) original and one (1) electronic copy on CD or flash drive, and separately one (1) original Pricing Response Form and one (1) electronic copy on CD or flash drive.

QUESTION 6:

If we are planning to submit a turnkey proposal with the Audio Visual portion subcontracted to another firm, would this firm also need to be registered as a supplier in the state of Nevada?

ANSWER QUESTION 6:

UNLV's desire is for a turnkey proposal that both the audio visual hardware and software to come from one company but other options will be considered. Proposer should contact the State of Nevada to confirm whether a subcontractor should be registered. UNLV is open to the Prime Firm proposing a team, with members of the team who have the proper business, contractor and other licenses to deliver the work, as long as the proposal and the contract arrangements are compliant with the Nevada Revised Statutes and applicable laws and regulations.

QUESTION 7:

Can you provide any type of budgetary number that we can design our solution around?

ANSWER QUESTION 7:

Supplier needs to define costs.

QUESTION 8:

In the RFP it states that we must ship goods using the UNLV Fedex account number. We have had past experiences where some vendors/manufacturers will not authorize us to use a customer's shipping account number. Is there an alternative solution to accommodate these cases?

ANSWER QUESTION 8:

We have not experienced this issue in the past. However we may consider alternatives. For additional information regarding our shipping policy, see our website for more details. www.delivery.unlv.edu/sites/default/files/fedex.pdf.

QUESTION 9:

Is the State of Nevada Contractor's license required? If it is, is it ok that the vendor is in the process of obtaining it for the bid?

ANSWER QUESTION 9:

Proposer should contact the State of Nevada to confirm whether a subcontractor should be registered. UNLV is open to the Prime Firm proposing a team, with members of the team who have the proper business, contractor and other licenses to deliver the work, as long as the proposal and the contract arrangements are compliant with the Nevada Revised Statutes and applicable laws and regulations.

QUESTION 10:

Are sections F & G missing from the contract?

ANSWER QUESTION 10:

See Question and Answer 4

QUESTION 11:

On page 8 you mention Technical and Cost proposal. Are areas 1 and 2 (Experience & References, Operating Approach/Method of Performance) to be included with or considered the Technical Proposal?

ANSWER QUESTION 11:

Yes the technical portion of the proposal must be submitted in a separate envelope from the Pricing response. The Technical Evaluation will be evaluated on the following:

Weighted Evaluation Criteria Possible Points

1. Experience & References 40 Points
2. Approach 20 Points
3. Cost 40 Points

Total Possible Points 100

Please read all of Section B Submission Instructions for more details

QUESTION 12:

Are drawings available of the space?

ANSWER QUESTION 12:

Please see Attachment 1

QUESTION 13

Please provide an updated breakout of hardware requested per room/bed to include # of cameras, mics, flat panel monitors (include size preferred), and speakers per room

ANSWER QUESTION 13:

See attachment 1

QUESTION 14:

It was noted at the meeting that CAT6 wiring already exists in the building. Typically we will require a direct CAT5e or better connection from the camera location to the equipment rack, from the simulator to the equipment rack and from the simulator data capture kit to the equipment rack. Can you confirm if your CAT6 wiring includes these connection points?

ANSWER QUESTION 14:

Yes the CAT6 wiring includes these connection points.

QUESTION 15:

If an annotated floor diagram of existing AV cable points is available this would be helpful, too.

ANSWER QUESTION 15:

See attachment 3

QUESTION 16:

If additional cabling is necessary does UNLV require this to be included or will UNLV's current local AV contractor support this requirement?

ANSWER QUESTION 16:

UNLV's desire is to award to a firm that can provide a system per the scope of work as a "Turn Key" solution for a complete medical simulation facility system. The system must be comprised of completely digital signals must be scalable and fit within the current facility and infrastructure. Proposals that are not "Turn Key" and do not include items like additional cabling, or other omissions, may be considered non-responsive. If a firm cannot provide additional cabling, the firm must provide in its proposal the system design services to determine locations and specifications for any additional cabling, and an estimate of cost for additional cabling so that the Owner can understand the "Turn Key" cost.

QUESTION 17:

Can you please send a floor plan for any rooms that will need to be recorded?

ANSWER QUESTION 17:

See attachment 1

QUESTION 18:

Can you please clarify the total number of rooms/beds that you would like to record, as well as the number of sessions that will be recorded simultaneously?

ANSWER QUESTION 18:

See Attachment 1 for room plans and all sessions must be able to run in all rooms simultaneously.

QUESTION 19:

Please provide a list of rooms with equipment and quantities required to submit for this bid.

ANSWER 19:

See attachment 1

QUESTION 20:

Cameras - Please elaborate on the requirement that states "cameras must allow for reconfiguring locations and using existing IP network." Are cameras expected to be portable?

ANSWER 20:

Cameras must be IP based so they can be reconfigured in the ceiling for different angles if necessary. Cameras do not need to come down from the ceiling.

QUESTION 21:

Pre-Recorded Audio Files - Are pre-recorded audio files primarily for ambient sounds in the room? Do you want them to be controlled via the simulation software or the AV control system?

ANSWER 21:

This would be considered as an option and would need to be controlled by AV control software if provided.

QUESTION 22:

IT Infrastructure - Is it required that we provide all our own networking equipment that is only connected to your network at one location?

ANSWER 22:

Yes, after the bid award, the contractor will provide Scope of work, the quantity of network drops, locations, and required configurations and conditioning of the ports for the proposed system to UNLV Office of Information Technology, Network Development and Engineering.

QUESTION 23:

Would you like re-purposing existing equipment shown as an alternate option for the quote?

ANSWER 23:

It is UNLV's desire to obtain all new equipment but would review an alternate proposal for re-purposing existing equipment.

QUESTION 24:

The "hospital ward" area was not included in the RFP. Would you like this area to be added and covered?

ANSWER 24

The hospital ward was in the original room count of Section 1: Standardized Patient Hall – 12 rooms with 3 control stations. See Attachment 1 for more clarification.

QUESTION 25

Three cameras exist in fixed location with microphones and speakers in this area. How would you like this room setup in a quoted upgrade?

ANSWER 25

See attachment 1

QUESTION 26

Is there a complete room matrix that can be provided to us that would include the room name, number, and a generic list of the installed equipment (i.e.- 1 camera, 1 microphone, 2 speakers, etc.)? We were shown several rooms that did not appear on the RFP and want to make sure we include them. Some of those rooms are: The Surgical Room, 12 Patient Bed Ward, Hi-Fi Control Room, etc.

ANSWER 26

See attachment 1

QUESTION 27

Is the winning bidder responsible for removing all old/existing equipment being replaced?

ANSWER 27

Yes the old equipment will need to be removed by the Successful Proposer and UNLV will be responsible for disposing of the equipment.

QUESTION 28:

The RFP noted UNLV currently utilizes 3 SimMan 3Gs, 1 Gaumard Baby HAL, 1 Gaumard Noelle, 1 Laerdal SimBaby and1 Laerdal SimJr.

ANSWER 28:

Yes that is correct.

QUESTION 29:

Can you indicate which rooms/beds these manikins will be stationed or if they are typically rotated among various rooms/beds?

ANSWER 29:

Yes they are typically rotated to all of the rooms

QUESTION 30:

Manikin Audio What method of "speaking" through a manikin is required? Are you anticipating using the simulation system and internal speakers? Other methods are available, but will increase the cost.

ANSWER 30:

UNLV's desire is to use a "Voice of God" microphone system for the manikin – See attachment 1 for more clarification of speaker locations of the other rooms.

QUESTION 31:

What is the make and model of the medical carts or other equipment that needs to be captured? What rooms will these be located?

ANSWER 31:

MedDispense cart which includes a standard PC with VGA output. The location of the medical carts will vary and all rooms must be capable of capturing this data.

QUESTION 32:

Please clarify your requirement for "scalable to interface with medication dispensing cart"- must be able to integrate with medication dispensing cart

ANSWER 32:

The software must interface with the existing MedDispense cart which includes a standard PC and VGA output. The location of the medical carts will vary and all rooms must be capable of capturing the data.

QUESTION 33:

Can you please clarify the following requirements on pgs. 16-17?
1. Automated way to Schedule
2. Automated way to Bookmark -
3. System gives data in real time
4. HIPAA compliant
5. Scalable to interface with Medication Dispensing Cart

ANSWER 33:

1. Automated way to Schedule - Software must include scheduling component
2. Automated way to Bookmark – Software must include bookmarking component
3. System gives data in real time – Software must give data in real time
4. HIPAA compliant – The Software must be HIPAA compliant please contact HIPPA for the requirements and compliance regulations
5. Scalable to interface with Medication Dispensing Cart See question and answer 32.
6. Should be able to use existing server infrastructure – UNLV's intent is not to be doing any new construction of the building to accommodate this new AV system

QUESTION 34:

Would you like for vendors to add functionality that will allow you to record in the Mock OR room? If so, can you describe the equipment requirements? (# of Cameras, Microphones, etc.)? Would you be interested in a Portable option for this room?

ANSWER 34:

Yes it is UNLV's desire to record in the Mock OR room. See attachment 1 for more clarification of the equipment requirements. The desire is not for a portable option but proposers may submit an option of portable equipment for review.

QUESTION 35:

Would you be interested in a Medical Simulation Electronic Health Record training system? If so, please provide information on the desired functionality of the HER.

ANSWER 35:

UNLV's scope of work does not request the Medical Simulation Electronic Health Record training system but it could be submitted as an option to Proposers submittal.

QUESTION 36:

When "all-encompassing intercom, overhead intercom or intercom with speaker" is stated, what are the client's needs?

ANSWER 36:

See attachment 3 for more detail of the speakers required.

QUESTION 37:

Will the 37" monitors in the control rooms be used for debriefing purposes?

ANSWER 37:

No the 37" monitors will be used for the live feed only.

QUESTION 38:

Will the live viewing be of one camera at a time or a view of all the cameras in the SP area at once?

ANSWER 38:

UNLV will require for both the viewing of one camera at a time or a view of all of the cameras in the SP area at once.

QUESTION 39:

For the SP Hall, is there a Mega Pixel requirement for the new cameras (i.e. 2MP, 3MP, 5MP, etc.)?

ANSWER 39:

Video must be 720p or greater

QUESTION 40:

For the SP Hall, is there an optical zoom minimum for the new PTZ cameras?

ANSWER 40:

Optical zoom must be 8x or greater

QUESTION 41:

What is meant by "Cameras must allow for reconfiguring locations and using existing IP network"?

ANSWER 41:

See question and answer 20

QUESTION 42:

Intercom - Do you require the ability to speak to only instructors and "standardized participants" on headsets without it going through ceiling speakers? If so, how many headsets and individual intercom channels do you want?

ANSWER 42:

Currently UNLV utilizes a walkie talkie system but the Proposer may submit headsets as an option to consider.

QUESTION 43:

Will the school's IT department be providing Ethernet switches for the new system, or do we need to include those?

ANSWER 43:

Yes, after the bid award, the contractor will provide Scope of work, the quantity of network drops, locations, and required configurations and conditioning of the ports for the proposed system to UNLV Office of Information Technology, Network Development and Engineering.

QUESTION 44:

It is assumed that all cameras mics and speakers can be routed to any and all 3 of the control stations in this area. Please advise otherwise if this is not the case.

ANSWER 44:

Yes all cameras mics and speakers can be routed to any and all 3 of the control stations in the area.

QUESTION 45:

Can additional space be made available to move the majority of the standardized patient hall rack equipment to the Server Room?

ANSWER 45

Yes there are additional racks in the existing server room to accommodate the additional equipment.

QUESTION 46

Does each control room require the ability to view all cameras on a single multi-window display as exists right now? Can this function be run from a software application window on a second monitor of the provided PC?

ANSWER 46

Yes each control room requires the ability to view all cameras on a single multi-window display as it exists right now. And yes it is possible with the software application window on a second monitor of the existing PC.

QUESTION 47:

How many mannequins per the 9 Simulation Rooms?

ANSWER 47

See attachment 3 for the location of the manikins.

QUESTION 48:

Please describe how your intercom system within the SP rooms and High Fidelity simulation area rooms currently functions?

ANSWER 48:

The SP software allows UNLV to choose any or all of the 12 rooms to speak in to as "Voice of God". The High Fidelity area has a corresponding microphone at each control station.

QUESTION 49

Can you please describe the type of simulation that will occur in each room? For example: ICU, Trauma Bay, Multi-bay Patient Room, SP Exam Room, Debrief, Control, etc.

ANSWER 49:

It varies the type of simulation which is dependent on the daily curriculum scheduled.

QUESTION 50:

Do you plan to ever record in-situ or mobile simulation?

ANSWER 50:

UNLV does not have plans to record in-situ or mobile simulation.

QUESTION 51:

Aside from the camera feeds, would you like to also capture any medical devices or patient monitors during the session?

ANSWER 51:

Yes the software must capture the patient monitor in addition to the two camera feeds.

QUESTION 52:

Control Station Computers - Are you staying with the laptops, or are you switching to desktops dedicated to manikins?

ANSWER 52:

A fully integrated solution would benefit from dedicated desktop PC's at each station. UNLV has dedicated PC's for AV software. The laptops at the control stations are only used for controlling the manikins and cannot be replaced.

QUESTION 53:

Control Station Audio -Is it a requirement that audio be able to be routed to speakers and headphones at each control station?

ANSWER 53:

Yes see attachment 1

QUESTION 54:

What type of microphones are preferred for the control stations? Gooseneck, Headset, Lavalier?

ANSWER 54:

UNLV prefers Gooseneck type of microphones at the control stations.

QUESTION 55:

Recordings - How many simultaneous active recordings are required?

ANSWER 55:

UNLV runs all rooms simultaneously.

QUESTION 56:

Will room combining be required to record more than one room in a simulation exercise?

ANSWER 56:

Room combining is not necessary as long as UNLV can utilize multiple AV software windows at one time.

QUESTION 57:

There are 7 manikins listed for the High Fidelity Room. It is assumed that with the exception of the LDR SIM 111 room, there will only be one manikin per room. LDR SIM has the capacity for two. Please advise otherwise if that is not the case.

ANSWER 57:

Please see Attachment 1 for clarification of what manikins are in each room.

QUESTION 58:

There appears to be 9 simulation rooms and 5 control stations for this area. Is it a requirement that all rooms can be routed to all of the control stations?

ANSWER 58:

Not a requirement that all rooms be routed to all control stations.

QUESTION 59:

How will the control spaces work for surgical sim rooms 125, 125A, and 125B? No control room exists according to floor plans.

ANSWER 59:

This area is controlled in the High Fidelity control room. Please see attachment 1 for more clarification.

QUESTION 60:

How will the long surgical sim B (125B) be captured? Will this still require only two cameras?

ANSWER 60:

Room 125B will not be required to be captured by cameras.

QUESTION 61:

For the LDR Sim room, it is set up with two separate manikins in this space. Are two dedicated control stations required for this area? Or will one station control both sim manikins and the capture platform?

ANSWER 61:

Please see attachment 1 for clarification.

QUESTION 62:

There are three LCD displays in the control space. How many would you like in a quoted upgrade? Are there any similar displays required for the surgical sim control area?

ANSWER 62:

Please see attachment 1 for clarification.

QUESTION 63:

What size displays would you like?

ANSWER 63:

Please see attachment 1 for clarification.

QUESTION 64:

Currently these show any of the active camera feeds, is this how you would like this to continue functioning?

ANSWER 64:

Yes that is how UNLV wishes to continue the functioning of the active camera feeds.

QUESTION 65:

Will UNLV and their IT department entertain providing and installing the network switches?

ANSWER 65:

Yes, after the bid award, the contractor will provide Scope of work, the quantity of network drops, locations, and required configurations and conditioning of the ports for the proposed system to UNLV Office of Information Technology, Network Development and Engineering.

QUESTION 66:

Where is the existing equipment to be placed once removed?

ANSWER 66:

UNLV will be responsible for disposing of all existing removed equipment.

QUESTION 67:

Can you please provide a list of the equipment that is to be removed?

ANSWER 67:

The equipment to be removed will include all existing cameras, overhead speakers, microphones, projectors in debrief rooms, and associated cabling

QUESTION 68:

In the main control room, there are two large screen monitors on the wall. Do you want these monitors replaced, included in the new design? If so, what is their intended purpose?

ANSWER 68:

Please see attachment 1

QUESTION 69:

Please explain what UNLV is looking to do here: "Stats for psychometric data analysis"

ANSWER 69:

System must be able to capture metadata from high-fidelity manikins which includes vital signs, chest compression rate/depth, and other physiological functions

QUESTION 70:

Please outline in detail the existing server infrastructure that UNLV would like the vendor to use?

ANSWER 70:

UNLV desires the Successful Contractor to use the current rack space and conduit. There should be no new construction.

QUESTION 71:

Can you please list rooms out and explain equipment needed in each room to clarify equipment to be quoted and installation location?

ANSWER 71:

Please see attachment 1 for clarification.

QUESTION 72:

In the Debriefing rooms, is an overhead sound system needed?

ANSWER 72:

Yes an overhead sound system is required for the debriefing rooms.

QUESTION3:

Are cameras required in the debriefing rooms?

ANSWER 73:

Yes cameras are required in the debriefing rooms.

QUESTION 74:

In the debrief rooms, please describe the PC location in relation to the flat panel monitor placement?

ANSWER 74:

UNLV desires the PC location in relation to the flat panel monitor to be within 10 feet of the screen.

QUESTION 75:

In the debrief rooms, please describe how you intend to utilize the requested intercom functionality?

ANSWER 75:

Debrief room will utilize the intercom to capture room audio.

QUESTION 76:

Will debriefing ever need to be recorded at same time as sim sessions?

ANSWER 76:

Yes debriefing will need to be recorded at the same time as the Sim sessions.

QUESTION 77:

Can we get a list of the actual equipment that will be staying in the Debriefing Rooms?

ANSWER 77:

The PC, VCR/DVD player, battery backup and projector screen will need to remain in the Debriefing rooms.

QUESTION 78:

For the Debriefing Rooms a question was asked about making on screen annotations and recording of said annotations, is this a requirement or a wish?

ANSWER 78:

Making screen annotations and recording of said annotations is not required but proposer may submit as an option for consideration.

QUESTION 79:

Are you keeping all the equipment in the local racks in the debriefing rooms?

ANSWER 79:

See question and answer 77

QUESTION 79:

Please provide a list of equipment in these racks to ensure compatibility with new digital HD main system.

ANSWER 79:

See question 76

QUESTION 80:

Do you want the ability to annotate over the simulation?

ANSWER 80:

Please see question and answer 77

QUESTION 81:

In debriefing rooms, what equipment feeds do you want to go into new monitor on wall? Please specify the equipment type and output connection.

ANSWER 81:

In the debriefing rooms the equipment feed that go into the new monitor on the wall will need to connect to the following equipment inputs - DVD, VCR, VGA and HDMI.

QUESTION 82:

Please provide more details regarding the existing server infrastructure

ANSWER 82:

Existing server infrastructure includes approximately 100 square feet of space for 5 full racks. Room is air conditioned to 68 degrees and within 20 feet of high-fidelity suite. There is conduit from server room to each high-fidelity room running Cat 5e cabling. Additionally, a small closet housing 1 full rack is inside the Standardized Patient Hallway. There is no dedicated air conditioning to this closet.

QUESTION 83:

Will actual patient data be stored in the system?

ANSWER 83:

Manikin data should be included with each video recorded session

QUESTION 84:

Storage and Archiving - Please indicate the requirements for hours of recordings, and length of time they are to remain on the servers.

ANSWER 84:

UNLV requires 10,000 hours of recording to be stored and they need to remain on the server for at least two years.

QUESTION 85:

Do you require an archiving system? If so, on site or in the cloud?

ANSWER 85:

UNLV archiving system is on site.

QUESTION 86:

Who is providing the servers and infrastructure to meet these requirements?

ANSWER 86:

UNLV School of Nursing is requesting a proposal for a "Turn-Key" solution for a complete medical simulation facility system. The system must be comprised of completely digital signals, must be scalable and fit within the current facility and infrastructure. The system must integrate with data collection devices, from SPs to high-fidelity manikins (Gaumard®, CAE™, Laerdal™ and Simulaids™)

QUESTION 87:

Existing Data - If you switch to a new platform, is it a requirement that the old data be transferred to the new system?

ANSWER 87:

If proposer submits a new platform please include as an option to transfer the old data to the new system.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS REMAIN THE SAME

ATTACHMENT 1

Debrief Rooms

109A – 1 camera, 1 overhead speaker, 1 overhead microphone to capture room audio, 1- 70" or greater size flat panel TV

109C – 1 camera, 1 overhead speaker, 1 overhead microphone to capture room audio, 1- 70" or greater size flat panel TV

109D – 1 camera, 1 overhead speaker, 1 overhead microphone to capture room audio, 1- 70" or greater size flat panel TV

109E – 1 camera, 1 overhead speaker, 1 overhead microphone to capture room audio, 1- 70" or greater size flat panel TV

High-Fidelity Simulation Area

109B (Peds room – Laerdal Sim Junior) - 2 cameras, 1 overhead speaker, 1 overhead microphone to capture room audio

109H (ED Room – Laerdal SimMan 3G and Laerdal SimBaby) – 4 cameras, 2 overhead speakers, 2 overhead microphones to capture room audio

109N (Sim 1- Laerdal SimMan 3G) – 2 cameras, 1 overhead speaker, 1 overhead microphone to capture room audio

111 (LDR Room- Gaumard Noelle and Gaumard BabyHal) – 3 cameras, 1 overhead speaker, 1 overhead microphone to capture room audio

115 (Sim 2 – Laerdal SimMan 3G) - 2 cameras, 1 overhead speaker, 1 overhead microphone to capture room audio

High-Fidelity Sim Control Area

113 – Peds workstation – camera control system, 1 "Voice of God" microphone, recording software license (PC provided),1- multiple output headphone amp

113 – Sim 1 workstation - camera control system, 1 "Voice of God" microphone, recording software license (PC provided), 2- 42"-47" flat panel TV (must be able to view live feed of all rooms), 1- multiple output headphone amp

113 – LDR workstations(2) – 2 camera control systems, 1 "Voice of God" microphone, 2 recording software licenses (PC's provided), 1- multiple output headphone amp

113 – Sim 2 workstation - camera control system, 1 "Voice of God" microphone, recording software license (PC provided), 1- multiple output headphone amp

113B – ED workstations(2) – 2 camera control systems, 2 "Voice of God" microphones, 2 recording software licenses (PC's provided), 1- 42"-47" flat panel TV (must be able to view live feed of all rooms), 2- multiple output headphone amps

Control for Hospital Bed Ward and Surgery Suite

113 general area – 1 camera control system, 1 "Voice of God" microphone, 1 recording software license (PC provided), 1- multiple output headphone amp

Hospital Bed Ward

119 – 4 cameras, 4 overhead speakers, 4 overhead microphones

Surgical Suite

125 – 2 cameras, 2 overhead speakers, 1 overhead microphone

Standardized Patient Hall

126A – 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126B – 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126C - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126D - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126E - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126F - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126G - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126H - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

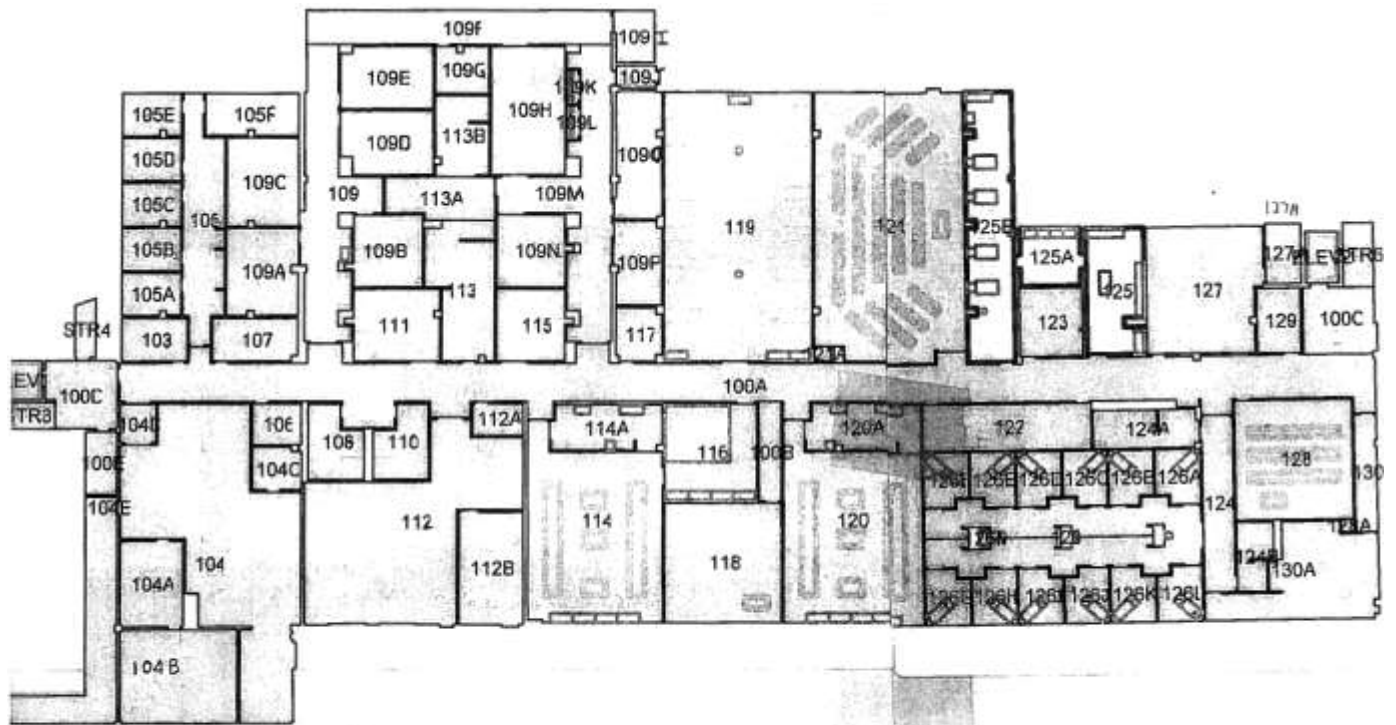126I - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126J - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126K - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

126L - 2 cameras, 1 overhead speaker, 1 overhead microphone, 2 software licenses (PC's provided)

Standardized Patient Control Area

126M (3 stations) – 3 camera control systems total, 3 "Voice of God" microphones total, 3 software licenses (PC provided)total, 3- 37"-42" flat panel TV (must be able to view all SP rooms), 3- multiple output headphone amps total

ATTACHMENT 2

ATTACHED PDF

SECTION F&G

ATTACHMENT 3

ATTACHED PDF - PLANS