

4 de abril de 2024

## “REQUEST FOR PROPOSAL”

### **RFP: Audio-Visual Equipment for Dental Medicine School, Gurabo Campus 2024**

Reciba un cordial saludo. La Universidad Ana G. Méndez (UAGM) en su continuo interés de brindar un servicio de calidad a sus estudiantes y comunidad universitaria dentro de un ambiente sano, seguro y saludable, le extiende una invitación para que participe en el proceso del “*Request for Proposal*” para el proyecto: **UAGM Audio-Visual Equipment for Dental Medicine School, Gurabo Campus 2024.**

Los documentos del “*Request for Proposal*” que se incluyen contiene la información requerida y las especificaciones con todos los detalles de la subasta.

La subasta debe ser entregada personalmente el jueves, **18 de abril 2024** en:

**Dirección:**     **Universidad Ana G. Méndez, Recinto de Cupey**  
Carr. 176, km 9.3, Calle Isidoro Colón  
Edificio-VP de Telecomunicaciones y Tecnologías Académicas  
Área de recepción: Vicepresidencia de Asuntos Administrativos

**Horario:**       **9:00am a 2:00 PM**

Cualquier información adicional, puede comunicarse con la Sra. Norma Doñé, Directora de Compras al correo electrónico [nodone@uagm.edu](mailto:nodone@uagm.edu) . Agradecemos nos confirme su participación para la referida subasta.

Cordialmente,

Sra. Lizzette Dávila Serrano  
VP Auxiliar de Compras y Contratos

anejos

C     Vicepresidente Asuntos Administrativos.



UNIVERSIDAD  
ANA G. MÉNDEZ  

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UAGM

**REQUEST FOR PROPOSAL  
ACQUISITION OF AUDIOVISUAL EQUIPMENT  
FOR DENTAL MEDICINE SCHOOL  
UAGM GURABO CAMPUS**

PREPARED BY: LIZZETTE DÁVILA SERRANO  
AVP CONTRACT AND PROCUREMENT UAGM  
APRIL 4, 2024

CONTROL #: 2022-04042024

## CHAPTER 1 ADMINISTRATIVE PROCEDURES AND PROCUREMENT PROCESS

### 1.1 Purpose of Request for Proposal

The purpose of this Request for Proposal (RFP) is seeking bids that meet the needs of Acquisition of **Audio-Visual Equipment for Dental Medicine School, Gurabo Campus** of UAGM.

### 1.2 Objective of the RFP

UAGM Purchasing Office is issuing this RFP to provide detailed information necessary for the preparation of competitive proposals by qualified vendors to supply Audio Visual Equipment for UAGM.

### 1.3 RFP Coordinator

The RFP Coordinator, identified below, is the sole point of contact regarding the RFP from the date of issuance until selection of the successful vendor.

Mr. Jose Medina Medina  
IT Director- UAGM Gurabo  
[ac\\_jmedina@uaqm.edu](mailto:ac_jmedina@uaqm.edu)  
787-743-7979 ext,5982

or

Mr. Luis Arroyo  
IT Supervisor  
[luarroyo@uaqm.edu](mailto:luarroyo@uaqm.edu)  
787-743-7979 ext,4106

or

Mrs. Norma Doñé Vázquez,  
Purchasing Director  
[nodone@uaqm.edu](mailto:nodone@uaqm.edu)  
787-751-0178 ext, 7430

## 1.4 Restriction on Communication

From the date of issuance of this RFP until announcement of the successful vendor, vendors may contact only the RFP Coordinator. The RFP Coordinator will respond only to questions regarding the procurement process. Questions concerning the interpretation of this RFP must be submitted in writing to the RFP Coordinator in accordance with this RFP. If a vendor or someone acting on the vendor's behalf attempt to discuss this RFP orally or in writing, with any employee of UAGM, other than the RFP Coordinator designated above, or any employee or elected official of the UAGM, the vendor may be disqualified.

## 1.5 Procurement Timetable

The following dates set forth below are for informational planning purposes only. UAGM reserves the right to change the dates.

<i>Event</i>	<i>Date</i>
RFP Issued	April 4, 2024
Tour Date – Gurabo Campus	April 10, 2024, at 9:00am (School Dental)
Question	April 11-12, 2024
Answers	April 15, 2024
Submission of Proposals	<b>April 18, 2024</b>
Opening of Proposals	April 19, 2024
Issue Notice of Award	April 23, 2024

## 1.6 Amendment to the Request for Proposal

UAGM reserves the right to amend the RFP at any time. In the event it becomes necessary to amend, add to, or delete any part of the RFP, an amendment will be provided to all vendors who received the original RFP. A vendor's response must include acknowledgment of all addendums.

## 1.7 Submission of Proposals

Proposals must be received by the RFP Coordinator no later than **April 18, 2024, at 2:00 pm**. Any proposal received after this deadline will be rejected and returned to the vendor. Vendors mailing proposals must allow ample mail delivery time to ensure timely receipt of their proposals. It is the vendor's responsibility to ensure that the proposal is received prior to the deadline. Postmarking by the due date will not substitute for actual receipt of the proposal by UAGM. Electronic mail and faxed proposals **will not be accepted**.

## 1.8 Rejection of Proposals

**1.8.1** At any time prior to the execution of the written contract, UAGM reserves the right to reject any or all proposals, in whole or in part, to advertise for new proposals, to abandon the need for such products or services, and to cancel this RFP if it is in the best interest of UAGM.

**1.8.2** A proposal shall be rejected outright and not evaluated if a vendor fails to deliver its proposal by 2:00 pm on the due date or fails to include the required transmittal letter, proposal certification, and certification of independence and no conflict of interest.

## **1.9 Costs of Preparing the Proposal**

The costs of preparing the proposal are the sole responsibility of the vendor. UAGM is not responsible for any costs incurred by vendor which are related to the preparation or delivery of the proposal, or any other activities carried out by the vendor related to this RFP.

## **1.10 Waiver of Deficiencies and Nonmaterial Variations**

UAGM reserves the right to waive or permit cure of nonmaterial variances in a proposal if such waiver is in their best interest. Nonmaterial variances include minor informalities that do not affect responsiveness, variances that are merely a matter of form or format, variances that do not change the relative standing of other vendors, variances that do not prejudice other vendors, variances that do not change the meaning or scope of the RFP, or variances that do not reflect a material change in the proposal. Failure to provide any mandatory information, or to comply with mandatory requirements of the RFP, shall not be considered a nonmaterial variation that UAGM can waive or permit cure. In the event UAGM waives or permits cure of nonmaterial variances, such waiver or cure will not modify the RFP requirements or excuse the vendor from full compliance with RFP specifications or other contract requirements if the vendor is awarded the contract. The determination of whether a particular matter constitutes a material or nonmaterial variation from the RFP is within the sole discretion of UAGM.

## **1.11 Opening of Proposals**

The proposals will be opened at April 19, 2024, at the Purchasing & Contract Office. The proposals will remain confidential until all the proposals submitted in response to this RFP and a notice of award is announced in accordance with UAGM Policies and Procedures.

## **1.12 Public Records and Requests for Confidentiality**

**1.12.1** All information submitted by a vendor may be treated as a public record by UAGM unless the vendor properly requests that the information be treated as confidential information at the time its proposal is submitted.

**1.12.2** Any request for confidential treatment of information must be included in the transmittal letter with the vendor's proposal. In any such request, the vendor must enumerate the specific grounds that support treatment of the materials as confidential and must also explain why disclosure of the information is not in the best interest of the public. The request for confidential treatment must also include the name, address, and telephone number of the person authorized by the vendor to respond to any inquiries by UAGM concerning the confidential status of the materials.

**1.12.3** Any documents submitted which contain confidential information must be marked on the outside as containing confidential information, and each page upon which confidential information appears must be marked as containing confidential information. The confidential information must be clearly identifiable to the reader where it appears. All copies of the proposal submitted, as well as the original proposal, must be marked in this manner. Identification of the entire proposal as confidential shall be deemed as non-responsive and disqualify the vendor.

**1.12.4** In addition to marking the material as confidential material where it appears, the vendor must submit one copy of the relevant pages of the proposal from which the confidential information has been excised. The confidential material must be excised in such a way as to allow the public to determine the general nature of the material removed and to retain as much of the documents as possible. These pages must be submitted with the transmittal letter and will be made available for public inspection.

**1.12.5** The information marked confidential shall be treated as confidential information to the extent such information is determined to be confidential under or other provisions of law by a court of competent jurisdiction.

**1.12.6** In the event, UAGM receives a request for information marked confidential, written notice shall be given to the vendor.

**1.12.7** A vendor's failure to request confidential treatment of material pursuant to this section and the relevant laws will be deemed by UAGM as a waiver of any right to confidentiality that a vendor may have had.

### **1.13 Copyrights**

By submitting a proposal, the vendor agrees that UAGM may copy the proposal for purposes of facilitating the evaluation of the proposal or to respond to requests for public records. By submitting a proposal, the vendor consents to such copying and warrants and represents that such copying will not violate the rights of any third party. UAGM will have the right to use ideas or adaptations of ideas that are presented in the proposals.

### **1.14 Proposals Property of UAGM**

All proposals become the property of UAGM and shall not be returned to the vendor unless all proposals are rejected, and no award is made.

### **1.15 Restrictions on Gifts and Activities**

UAGM Policies and Procedures prohibit officials and employees of UAGM from receiving gifts from certain donors. Vendors are responsible for determining the applicability of this rule to their activities and for complying with it.

### **1.16 Construction of RFP with Laws and Rules**

This RFP is to be construed considering pertinent legal requirements. Changes in applicable laws and rules may affect the award process or the resulting contract. Vendors are responsible for ascertaining pertinent legal requirements and restrictions.

### **1.17 Release of Claims**

By submitting a proposal, each vendor agrees that it will not bring any claim or have any cause of action against UAGM based on any misunderstanding concerning the information provided in this RFP or concerning UAGM failure, negligent or otherwise, to provide the vendor with pertinent information intended by this RFP.

### **1.18 Content of RFP**

**1.18.1** This RFP is designed to provide vendors with information necessary for the preparation of competitive proposals. Each vendor is responsible for determining all factors necessary for the submission of a comprehensive and compliant proposal.

**1.18.2** Proposals should be based solely on the material contained in the RFP. Vendors are to disregard any draft materials they may have received, newspaper articles they may have read, and any other previous oral or written representations.

### **1.19 Sources of Information Use by UAGM**

**1.19.1** UAGM reserves the right to contact vendors after the submission of proposals for the purpose of clarifying a proposal and to ensure mutual understanding. A vendor will not be permitted to modify or amend its proposal if contacted by UAGM for this reason. All contact with vendor for clarification purposes shall be in writing. All responses shall be in writing. UAGM will be bound only by written responses.

**1.19.2** UAGM assumes no responsibility for representations made by its employees prior to the execution of a legal contract unless such representations are specifically incorporated into this RFP as written addendum to the RFP. Oral discussions pertaining to modifications or clarifications of the RFP shall not be considered part of the RFP unless confirmed in writing.

**1.19.3** UAGM reserves the right to obtain from all sources, information concerning a vendor or a vendor's product, services, personnel, or subcontractors. UAGM also reserves the right to obtain and consider information from other sources such as the vendor's performance of other contracts. UAGM may use any of this information to evaluate a vendor's proposal.

### **1.20 Proposals Valid for 60 Days**

All proposals shall be firm for a period of for sixty (60) days following the date on which proposals are due.

### **1.21 Proposal Evaluation and Award.**

Proposals that are timely submitted and comply with the mandatory requirements of the RFP will be evaluated in accordance with the terms of the RFP. Any contract resulting from this RFP will not necessarily be awarded to the vendor with the lowest price. Instead, the contract shall be awarded to the complaint vendor whose proposal received is recommended by UAGM Bid committee in accordance with evaluation criteria set forth in the RFP.

### **1.22 Award Notice**

Notice of award of the contract to the successful vendor will be sent by mail or electronic mail, to all vendors submitting proposals. Negotiation and execution of contract with the successful vendor shall be completed no later than five working days after awarded. If the apparent successful vendor fails to negotiate and deliver an executed contract by that date, UAGM may, in its sole discretion, cancel the award and award the contract to the next highest ranked vendor.

## **CHAPTER 2 GENERAL TERMS AND CONDITIONS OF THE CONTRACT**

The contract that will be awarded because of this RFP will be based upon the proposal submitted by the successful Vendor and this solicitation. UAGM reserves the right to either award a contract without further negotiation with the successful vendor or to negotiate contract terms with the selected vendor if the best interests of UAGM would be served. The contract terms contained in this Chapter are not intended to be a complete listing of all contract terms but are provided only to enable the vendor to better evaluate the vendor's costs associated with the RFP and resulting contract. Vendors should plan on the following terms being included in any contract awarded because of this RFP. All costs associated with complying with these requirements should be included in the prices quoted by the vendor.

## **CHAPTER 3 SERVICE REQUIREMENTS**

### **3.1 Objectives**

The Purchasing and Contract Office is issuing this RFP to provide detailed information necessary for the preparation of competitive proposals by qualified vendors to supply Audio Visual Equipment for UAGM.

### **3.2 Description of Computer Equipment for UAGM.**



Refer to addendum number 3.

## **CHAPTER 4 CONTENT OF PROPOSAL**

These instructions prescribe the format and content of the proposal and are designed to facilitate the submission of a proposal that is easy to understand and evaluate. Failure to adhere the proposal format shall result in the disqualification of the proposal.

### **4.1 Instructions**

**4.1.1** All proposals should be prepared simply and economically providing a direct, concise delineation of the vendor's proposal and qualifications. Proposals must meet the criteria set forth in this Chapter.

**4.1.2** Proposals shall be typewritten.

**4.1.3** Proposals should be printed or typed on 8.5" x 11" paper (one side only).

**4.1.4** All pages of proposals must have consecutive page numbers.

**4.1.5** It will deliver the initiated proposal on all its pages.

**4.1.6** One original (1) and two (2) copies of a proposal must accompany the submission.

**4.1.7** The vendor must also submit one copy of the proposal from which confidential information has been excised. The confidential material must be excised in such a way as to allow the public to determine the general nature of the material removed and to retain as much of the proposals possible.

**4.1.8** Proposals must respond to RFP requirements by restating the number and text of the requirement in sequence and writing the response immediately after the restated requirement.

### **4.2 Transmittal Letter**

**4.2.1** The transmittal letter shall be signed by an individual authorized to legally bind the vendor. The letter shall include the vendor's mailing address, telephone number, and fax number.

**4.2.2** A request for confidential treatment of information shall be included in the transmittal. Any request for confidential treatment must comply with all requirements for such requests as required by Chapter 1 of the RFP.

### **4.3 Proposal Certification**

Each vendor shall submit with the proposal certification, stating that the contents of the proposal are true and accurate. The substance and form of the proposal certification is included as Addendum Number 1. The proposal certification must be on vendor's letterhead and signed by an individual with authority to bind the vendor. Failure to provide the certification required by this section shall result in the rejection of the proposal as noncompliant.

#### **4.4 Acceptance of Terms and Conditions**

Each vendor shall specifically stipulate that the proposal is predicated upon the acceptance of all terms and conditions stated in the RFP. If the vendor objects to any term or condition, it shall make specific reference to the RFP page, section, and line number(s) at issue. Objections or responses that materially alter the RFP shall be deemed non-responsive and disqualify the vendor.

#### **4.5 Certification of Independence and No Conflict of Interest**

Vendor shall sign and submit with the proposal a certification stating that the proposal was developed independently, and that no relationship exists or will exist in the contract period between vendor and the UAGM that interferes with fair competition or is a conflict of interest. The substance and form of the certification of independence and no conflict of interest is included as Addendum Number 2. This certification must be on vendor's letterhead and signed by an individual with authority to bind the vendor in contract. Failure to provide the certification required by this section shall result in the rejection of the proposal as noncompliant.

### **CHAPTER 5 EVALUATION OF PROPOSALS**

#### **5.1 Award Process**

Proposals will be reviewed by an evaluation committee appointed by UAGM.

#### **5.2 Tie Bids**

UAGM shall resolve ties among proposals which are equal in all respects by drawing lots, unless only one of the tied vendors is a UAGM business. If only one of the vendors is a UAGM business, the UAGM business shall be given preference over all tied out of state vendors. If it is necessary to draw lots, the drawing shall be held in the presence of the vendors who submitted the tied proposals, if practical. If the tied vendors are not present, the drawing shall be held in front of at least two persons.

#### **5.3 Verification of Proposal and Contract Negotiation**

All applicable contracting requirements imposed by this RFP shall be met by the vendors. The successful vendor must, in a timely manner, enter the contract with the UAGM, to implement the programs contemplated by this RFP. It is expected that all such documentation will be executed within forty-five (45) days after the date of notification of the award. Failure of the successful vendor to agree to the terms of the contract within that time period may be grounds for UAGM to award the contract the next highest ranked compliant vendor.

## 5.4 Insurance

In all the following insurance requirements, vendor must show proof of insurance before the commencement of work.

The contractor shall obtain and maintain in force, at its own expense, from the date of Contract until completion and final acceptance of the Work, with "Sistema Universitario Ana G. Méndez" appearing as "Additional Insured" insurance coverage against claims, regardless of when asserted, that may arise out of, or result from, the Contractor's operations, the operations of the Contractor's, Sub-Contractors and any other entity directly or indirectly engaged by the Contractors connection with the Work. This insurance shall include the following.

- Worker's Compensation and Employer's Liability Insurance – Workmen's Compensation and Employer's Liability Insurance covering the Contractor's employees and the employees of all Sub-Contractors, in accordance with the requirements of applicable state and federal law.
- Public Liability Insurance- Public Liability Insurance safeguarding the Contractor against liability for injuries to persons (including death), and damage to, or destruction of, property, shall be maintained in an amount not less than \$1,000,000 to cover injury or death of any one person, in an amount not less than \$1,000,000 to cover injury or death to two or more persons in any one accident, and in an amount not less than \$1,000,000 to cover property damage.
- Automobile Liability Insurance- Automobile Liability Insurance safeguarding the Contractor against liability for injuries (including death) to persons, and damage to, or destruction of, property, arising out of the ownership, maintenance or use of automobiles shall be maintained in an amount not less than \$500,000 for injuries to one person, in an amount not less than \$500,000 for injuries to two or more persons in any one accident, and in an amount not less than \$500,000 to cover property damage.

**ADDENDUM NUMBER 1**

\_\_\_\_\_, 2024

Mr. Walid El Hage  
Administrative Affairs Vice-president  
Sistema Universitario Ana G. Méndez  
PO Box 21345  
San Juan, PR 00928-1345

**Re: Invitation to Bid: Acquisition of Audio-Visual Equipment for Dental Medicine School,  
Gurabo Campus**

Dear Mr. El Hage:

**I certify that I have the authority to bind (Company Name). Below to the specific terms, conditions and technical specifications required in the Invitation to Bid for acquisition of Equipment for UAGM and offered in our proposal. I understand that, by submitting this proposal, Acquisition of Audio-Visual Equipment for Dental Medicine School services that meet or exceeds the requirements of the RFP unless noted in the proposal.**

I also certify that the contents of the proposal are true and accurate and that (Company Name) has not made any knowingly false statements in the proposal.

Sincerely,

**ADDENDUM NUMBER 2**

\_\_\_\_\_, 2024

Mr. Walid El Hage  
Administrative Affairs Vice-president  
Universidad Ana G. Méndez  
PO Box 21345  
San Juan, PR 00928-1345

**Re: Invitation to Bid: Acquisition of Audio-Visual Equipment for Dental Medicine School, Gurabo Campus.**

**CERTIFICATION OF INDEPENDENCE AND NO CONFLICT OF INTEREST**

Dear Mr. El Hage:

By submitting a proposal in response to the UAGM (RFP) Acquisition of **Acquisition of Audio-Visual Equipment for Dental Medicine School** services, the undersigned certifies the following:

1. The proposal has been developed independently, without consultation, communication or agreement with any employee or consultant to UAGM who has worked on the development of this RFP, or with any person serving as a member of the evaluation committee.
2. The proposal has been developed independently, without consultation, communication or agreement with any other vendor or parties for the purpose of restricting competition.
3. Unless otherwise required by law, the information found in the proposal has not been knowingly disclosed and will not be knowingly disclosed prior to the award of the contract, directly or indirectly, to any other vendor.
4. No attempt has been made or will be made by (Company Name) to induce any other vendor to submit or not to submit a proposal for the purpose restricting competition.
5. No relationship exists or will exist during the contract period between (Company Name) and UAGM that interferes with fair competition or as a conflict of interest.

Sincerely,

**ADDENDUM 3a**

**SISTEMA UNIVERSITARIO ANA G. MENDEZ  
PROPOSAL SUBMITTAL FORM**

**Important Notes:**

**THIS RFP IS REGULATED:**

1. **PAYMENT TERM FOR PROPOSAL IS: 60 DAYS**
2. For details of items see attachment in email.
3. We will not accept proposals that don't comply with the specific description established in this proposal. **Addendum 3- 3a**
4. **Quote three (3) year warranty.**
5. This equipment must be delivered and installed: **July 2024.**
6. The RFP must include 11.5% sales tax and 4% on services and installation.
7. The delivery will not be subject TO pending balances with UAGM.
8. Advance Request will not be accepted with the purchases order.

# Escuela Medicina Dental UAGM Gurabo

## Tecnologías Audiovisuales

### Revisado abril 2024

Este descriptivo se basa en lo discutido en varias reuniones y con el plano recibido en ese momento. Se debe evaluar basado en el **adendum y el esquemático** (plano de distribución de sistemas)

Algunos espacios son largos y probablemente habrá que evaluar la interconexión de ciertos equipos tanto de video como de audio.

El suplidor audiovisual velará que todos los componentes de tecnología que requieran ser interconectados sean compatibles. Deberá en su propuesta especificar las garantías.

Al final del proyecto deberá suplir un esquemático que incluya las interconexiones realizadas en cada espacio, los manuales correspondientes y el adiestramiento.

#### **NOTA general:**

- **Todas las computadoras All-in-One serán provistas por otro suplidor**
- Los componentes electrónicos de los podios que se intercomunican al igual que los amplificadores deberán conectarse con la plataforma de **Global Viewer Enterprise**.
- Los televisores deben ser de marcas reconocidas con control a través RS232
- Los cables para las interconexiones y de comunicación entre los diferentes componentes debe ser de calidad **premium**
- Desde el control se debe manejar, además de las fuentes de entradas y salidas, el encendido y apagado de:
  - Todos los televisores incluyendo los monitores distribuidos en el salón
  - Cámaras
  - Sistema de audio
  
- **Simulation Lab**
  - **Área de estudiantes** podio (Ver Addendum)
    - Son 6 islas (muebles)
      - 48 monitores: 24" uno por cada estudiante.
        - **La base para estos televisores que se conecta a la luminaria fue provista por el suplidor de la luminaria**
        - Requiere todas las tiradas de cables.  
(para la ubicación de los muebles ver plano)
      - 8 bocinas de techo distribuidas para sistema de 70V en el espacio entre cada isla o sobre ellas dependiendo cual sea el caso.

6 micrófonos pendulares para “voice lift” – 1 por isla. Microfonía 360° distribuida. Mix -Minus en el área de profesor y mix minus por zona para los estudiantes. El sistema debe proveer la capacidad de

- cancelación del micrófono inalámbrico lapel del profesor en las bocinas de una zona cuando entra bajo ella con micrófono lapel.
  - 12 televisores de techo: 10 back to back y 2 sencillos a los extremos (ver plano) En estos televisores se puede presentar lo que el profesor hace en el Televisor Interactivo, la imagen de una videoconferencia o lo que el decida presentar (cámara sobre su simulador, desktop document camera o PC).
- **Área del profesor**
- **Mueble modular provisto por otro suplidor.**
    - Posibles equipos que van dentro o sobre el mueble (Ver Addendum)
      - 2 Spectrum 55381 Removable equipment rack with 13 rack-units front and 13 rack-units rear. **No tiene que ser Spectrum, pueden recomendar basados en una altura máxima de 32” y así ganamos más RU’s de espacio.** Ver imagen al final del rack y del mueble donde se ubicará.
      - 2 abanicos para los racks (1 para cada rack) que puedan recomendar. Mientras menos espacios (RU) ocupe, mejor y que produzcan el menor ruido (menos de 25 dBA)
      - 1 panel de RU con louvers para ventilación
      - **1 Computadoras o “All in One” Touch provista por otro suplidor**
      - 1 Desk Mount Monitor Arm for 27-pound monitor (All in One)
      - 1 document camera with Lamp
      - 1 Micrófono “Goose Neck”
      - 1 Touch Panel Desk Top que controle la selección de fuentes de entrada y de salidas hacia los a monitores, televisores pantalla del profesor, etc.
      - 1 Micrófono inalámbrico o “lapel”
      - 1 “Cable Well – Cuby” (Conexión eléctrica, cables-Data, HDMI, USB,etc.) para los equipos portátiles de conexión no inalámbrica
      - 1 Wireless Presentation/Collaboration Device (que garantice el manejo de dispositivos Apple, Androide y Windows)
      - Todos los scalers, switches, matrix, mixer y transmitters que sean necesario para todas las fuentes de audio, video y de control del laboratorio.
      - Amplificador de audio 70v 100w o más basado en cantidad y modelos de bocina de todo el laboratorio.
  - 1 bocinas de techo
  - 1 Televisor de 65" Multi-touch Display
  - 1 cámara para el simulador. Esta señal saldrá en los monitores de cada estación de los estudiantes o en los monitores ubicado en el techo entre las mesas. El profesor escoge.
  - 1 cámara PTZ. Debe estar ubicada más o menos de 15’ a 20’ con ángulo de visión que cubra el frente de salón (al área del profesor). Esta es para el profesor como transmisor de una video conferencia. Esta debe estar al lado del televisor para FAR-END frente al profesor con ceiling mount



- 1 televisor para la video conferencia se debe colocar elevado frente al área del mueble (43”) para que el profesor pueda ver al grupo o estudiante a distancia (FAR END) esto es si la altura del techo lo permite. *Ver esquemático.*
- 1 micrófono de techo para el video conferencia como también la capacidad de poder utilizar el mismo lapel para ambos propósitos: video conferencia y voice lifting.

- **Anatomage Room**

- **Posibles equipos:**
  - 1 placa de conexión HDMI en la pared falsa al lado del mueble para el monitor más cercano. Se ubicará a la altura de la línea a de la conexión de data y de receptáculo
  - 4 televisores de 65” como receptores de las imágenes de los Anatomage en las paredes contrarias. Son dos televisores por pared a los que le llegan dos salidas de HDMI del Anatomage. El salón contiene dos Anatomage.
  - 1 cámara PTZ para el profesor como transmisor.

- **Small Group Rooms (3 salones)**

- **Posibles equipos:**
  - 1 pantalla NewLine TT-6519RS 65" Ultra-HD LED **Multi-touch Display con Inboard PC**
  - 1 Wireless Presentation Devices que garantice el manejo de dispositivos Apple, Androide y Windows
  - 1 mouse y teclado inalámbrico
  - 1 cámara PTZ para el profesor como transmisor. Debe estar ubicada en la parte de atrás del salón
  - 1 cámara PTZ para los estudiantes como participantes. Debe estar ubicada al lado de televisor al frente del salón.
  - 1 televisor elevado en la parte de atrás del salón (50”) para que el profesor pueda ver al grupo o estudiantes a distancia (FAR-END)
  - 1 sistema de audio:
    - 1 bocina en techo sobre mesa
    - 1 micrófono pendular para video conferencia estaría en el techo.

- **Large Classroom**

- **Área del profesor**
  - 1 podio de multimedios con toe kick
  - 1 stool without casters
  - Posibles equipos:
    - 1 Computadora o “All in One” Touch (Cotizada por Informática)
    - 1 Touch Panel (Table top)
    - 1 Desk Mount Monitor Arm for 27-pound monitor (All in One)

- Todo el equipo electrónico necesario para la integración de los equipos audiovisuales, tanto para el acceso de las fuentes de entrada como para el manejo, que incluye, pero no se limita a:
  - o Micrófono “Goose Neck”
  - o Micrófonos “Head Set” inalámbrico o “lapel”
  - o “Cable Well – Cuby” (Conexión eléctrica, cables-Data, HDMI, USB)
  - o Switch, DXP, etc.
  - 1 micrófono pendular de techo
  - o Microfonía 360° distribuida. Mix Minus en el área de profesor
  - Amplificador de audio amplificado 70v 100w o más
  - 1 Wireless Presentation/Collaboration Device (que garantice el manejo de dispositivos Apple, Androide y Windows)
    - 1 televisor de 98" HD LED con montura
    - 1 cámara PTZ para el profesor como transmisor. Debe estar ubicada de manera que cubra el frente del salón incluyendo al Podio del profesor
    - 1 document cámara con luminaria
  - o Área de estudiantes
    - 1 cámara PTZ para los estudiantes como participantes. Debe estar ubicada al frente del salón.
    - 2 televisores elevados. 1 frente al área del podio y 1 al en la misma dirección, pero al extremo derecho (40” máximo) para que el profesor pueda ver al grupo o estudiante a distancia (FAR END) Ver foto ejemplo – Tamaño dependerá de la distancia del profesor y altura del techo
    - Sistema de audio:
      - 14 bocinas distribuidas por el salón, tanto para el “voice lift” del profesor hacia los estudiantes como para escuchar con claridad el audio de una videoconferencia
      - o El amplificador estaría en el podio
      - 5 micrófonos pendulares para “voice lift” - Microfonía 360° distribuida. Mix Minus en el área de profesor y mix minus por zona para los estudiantes. El sistema debe proveer la capacidad de cancelación del micrófono inalámbrico del profesor en las bocinas de una zona cuando entra bajo ella.
      - 12 televisores distribuidos a través del salón no mayor de 43” diagonales (21”de alto) distribución según ubicación del mobiliario
  - Mini RED de TV – (Digital Signare) Pasillo y el área común (Lounge Área)
    - o 6 televisores de 40” back to back con “bezel” blanco, para 3 columnas identificadas en el pasillo principal. Ver dibujo al final para ver posible ubicación y tipo de montura. La montura (blanca) saldría de la columna.

- o 1 televisor de 50" en la pared del área de Lounge
- o UC View u otro sistema que tenga las mismas características de estos player. Se estará alimentando vía web y deberá atender 4 suscripciones con un total de 7 televisores

Imágenes de equipos

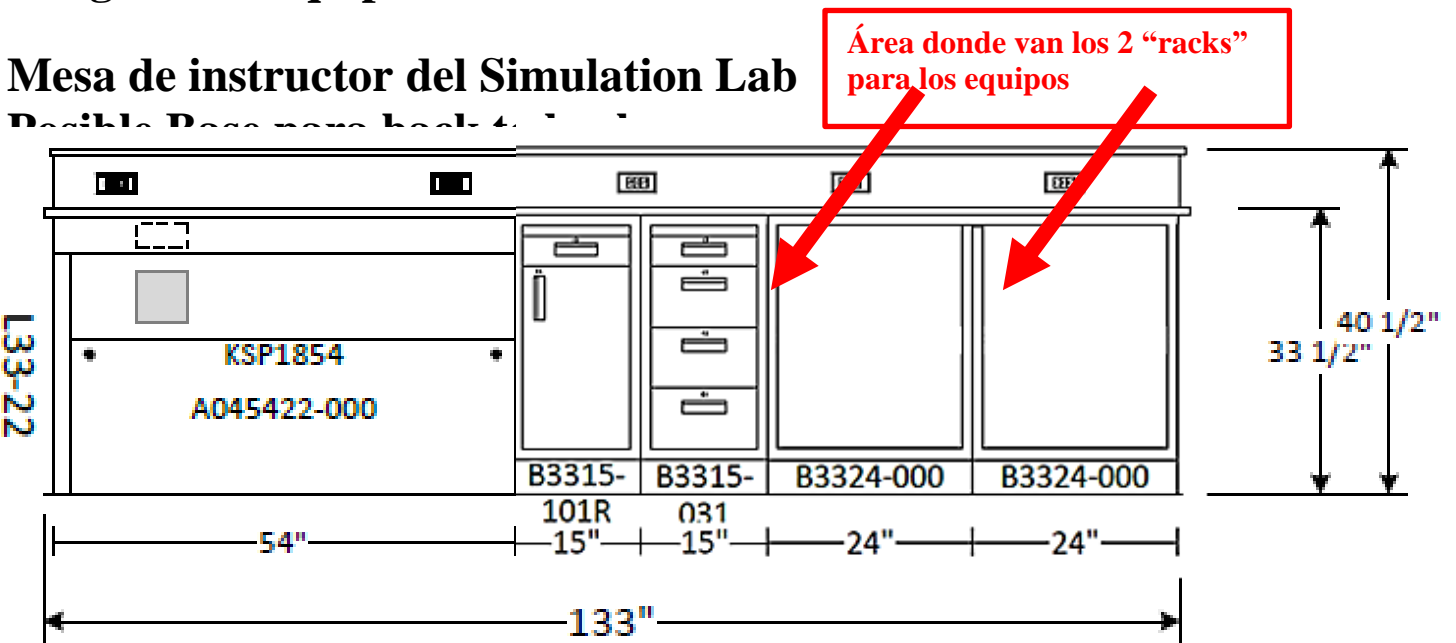
Mesa de instructor del Simulation Lab  
 Posible Base para back-to-back

Ejemplo: Recinto Ciencias Médicas – Dental: imagen de los racks dentro del mueble

**Imágenes de equipos**

**Mesa de instructor del Simulation Lab**

Posible Base para back-to-back



**Inst Bench**

***Ejemplo: Recinto Ciencias Médicas – Dental: imagen de los racks dentro del mueble***





# Anatmage TABLE

## Frequently Asked Questions

### + WHAT ARE THE DIMENSIONS OF THE ANATOMAGE TABLE?

### - CAN YOU PROJECT THE ANATOMAGE TABLE TO A SCREEN?

Yes, the Table comes with two media HDMI ports that can be used to display the contents on a projector or external monitors. The minimum resolution required for the external displays or projectors are 1080p, and each side of the Table projects separately.

Additionally, a screen sharing software can be used on the Table. Note that the Table must be connected to the internet for this.

### + TOUCHSCREEN

#### SOFTWARE SUPPORT

### + WHAT IS THE DIGITAL LIBRARY?

### + NEED ADDITIONAL TRAINING?

#### HARDWARE & BASIC TROUBLESHOOTING



# LECTERNS recomendados para el Large Classroom

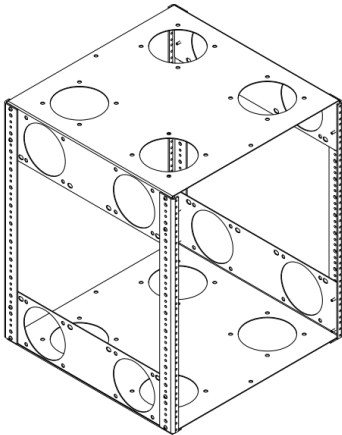
*Ejemplo: Elite Lectern - Media Manager Series (Large Room)*



# Rack mount para el Instructor Bench en el Simulation LAB

*Ejemplo:*

13RU Rack Cube(s)



<b>ORDER CODE 0</b> =	None
<b>ORDER CODE 4</b> =	Yes, one rack cube
<b>ORDER CODE 6</b> =	Yes, two rack cubes

**13RU Rack Cube(s)**

- Provides the ability to integrate equipment remotely before installation into the lectern
- Up to two rack cubes can be installed into the Director Lectern
- Polyethylene slides on bottom for easy removal
- Can be secured to base panel
- Cooling fan compatible
- Color: black
- Factory-installed

Rack rail:	13RU front and rear
Dimensions:	19.125"W [48.58 cm] x 19.031"D [48.34 cm] x 23.125"H [58.74 cm]
Mounts for cooling fans:	Compatible with most 4.7" fans with 4.13" mounting hole spacing (12 mounting locations available)
Unit weight:	25 lb [11.4 kg]

Note: If rack rail mounting is needed in the lectern, the rack cube must be specified. The lectern does not provide any rack-mount capabilities without the cube.

revised 10/16/20



**Mini RED: back to back - 2 por columna (3 columnas) con *bezel* (frame) Blanco y montura blanca.**

