



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

13 September 2022

Bid Bulletin No. 3

Completion of the Fit-Out of the Upper Floors College of Medicine-Medical Science Building, University of the Philippines Manila.

This Bid Bulletin No. 3 is being issued to address queries raised by the prospective bidder/s via email:

Queries/ previous requirement	Responses/ amendment
Bid Data Sheet 10.3 <i>Not applicable</i>	Bid Data Sheet 10.3 <i>Philippine Contractors Accreditation Board (PCAB) License; at least GB-1 (Building) Category B. or Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid;</i>
Technical Documents (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts, awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and	Technical Documents (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts, awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and <i>This statement shall be supported with:</i> <i>1. Notices of Award and/or Contract</i> <i>2. Notices to Proceed issued by the owner</i> <i>3. Certificate of Accomplishments signed by the Owner for Ongoing Contracts, if applicable</i> (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and <i>Note: This statement shall be supported with:</i> <i>1 Contract</i> <i>2 CPES rating sheets and/or Certificate of Completion</i> <i>3 Certificate of Acceptance</i>
May we request for the technical specifications for the following items;	



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

<p>1. Partitions (AP560 Full Board Partition)</p> <p>2. Planters box</p> <p>3. Television Monitors</p> <p>4. Window Blinds</p> <p>5. Smoke Detector</p> <p>6. Manual Pull Station</p> <p>7. Fire Alarm Horn with Strobe</p>	<p>1. AP560 refers to a 2 seater single work station with mobile pedestal. Specifications are as follows:</p> <p>Top: 600Dx1200Lx25THK Melamine Laminated in Light Gray Finish Partition: Anthro 560 2 Tone Quarter Glass Light Gray Trims 1200 HT Fabric Partition</p> <p>2. Movable Plant Boxes for 8F:</p> <p>- 900mm high x 200mm wide x 1200mm long, built-up movable plant box; 19mm thick marine plywood in wood stain finish and semi-gloss polyurethane top coat; with PVC water collecting tray, and tubular steel base as counterweight</p> <p>3. Television Monitors with movable stand</p> <p>43" Monitor Display Size: 43" Resolution: 3840x2160 (UHD) Audio Output: 10W + 10W Speaker System: 2.0 ch Digital (Terrestrial, Cable, Satellite): DVB - T2/C Analog (NTSC/SECAM/PAL): PAL/SECAM Solution Type: Pro: Centric (Smart, Direct, V) Quick Menu 4.0 Set Side Interface: HDMI In (2.0), USB 2 (2.0) CI Slot Set Rear Interface: HDMI In 2 (HDCP, 2.0), Headphone Out, RF In, Digital Audio Out (Optical), RS-232C (D-Sub 9 Pin), Clock Interface (RJ12), RJ45 2 (Ethernet, Aux) External Speaker Out (3.5 mm Phone Jack) Power Supply: AC 100-240 V, 50/60 Hz Power Consumption: 133 W/162 W Standby Power Consumption: 0.5 W Under Others: HDR 10 Pro/HLG</p> <p>55" Monitor Display Size: 55" Resolution: 3840x2160 (UHD) Audio Output: 10W + 10W Speaker System: 2.0 ch Digital (Terrestrial, Cable, Satellite): DVB - T2/C</p>
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UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

	<p>Analog (NTSC/SECAM/PAL): PAL/SECAM Solution Type: Pro: Centric (Smart, Direct, V) Quick Menu 4.0 Set Side Interface: HDMI In (2.0), USB 2 (2.0) CI Slot Set Rear Interface: HDMI In 2 (HDCP, 2.0), Headphone Out, RF In, Digital Audio Out (Optical), RS-232C (D-Sub 9 Pin), Clock Interface (RJ12), RJ45 2 (Ethernet, Aux) External Speaker Out (3.5 mm Phone Jack) Power Supply: AC 100-240 V, 50/60 Hz Power Consumption: 133 W/162 W Standby Power Consumption: 0.5 W Under Others: HDR 10 Pro/HLG</p> <p>65" Monitor Display Size: 65" Resolution: 3840x2160 (UHD) Audio Output: 10W + 10W Speaker System: 2.0 ch Digital (Terrestrial, Cable, Satellite): DVB - T2/C Analog (NTSC/SECAM/PAL): PAL/SECAM Solution Type: Pro: Centric (Smart, Direct, V) Quick Menu 4.0 Set Side Interface: HDMI In (2.0), USB 2 (2.0) CI Slot Set Rear Interface: HDMI In 2 (HDCP, 2.0), Headphone Out, RF In, Digital Audio Out (Optical), RS-232C (D-Sub 9 Pin), Clock Interface (RJ12), RJ45 2 (Ethernet, Aux) External Speaker Out (3.5 mm Phone Jack) Power Supply: AC 100-240 V, 50/60 Hz Power Consumption: 133 W/162 W Standby Power Consumption: 0.5 W Under Others: HDR 10 Pro/HLG</p> <p>4. Window Blinds</p> <p>Combi Blinds Blackout, complete mechanism, and accessories with head track cover, blackout fabrics with 3 inches allowance on each side Materials: Powder-coated aluminum head track and roller, 100 % polyester Korean fabric, Crystal clear controller beads Color: Picasso Beige</p> <p>5. Smoke Detector:</p>
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UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

A. ADDRESSABLE ANALOG SMOKE SENSORS

1. General Requirements for System Smoke Detectors:

a) Comply with UL 268, "Smoke Detectors for Fire Protective Signaling Systems." Include the following features:

b) Factory Nameplate: Serial number and type identification.

c) Operating Voltage: 24 VDC, nominal and shall be two-wire type.

d) Self-Restoring: Detectors do not require resetting or readjustment after actuation to restore normal operation.

e) Plug-In Arrangement: Sensor and associated electronic components are mounted in a module that connects to a fixed base with a twist-locking plug connection. Base shall provide break-off plastic tab that can be removed to engage the head/base locking mechanism. Provide terminals in the fixed base for connection to building wiring. No special tools shall be required to remove head once it has been locked. Removal of the detector head shall interrupt the supervisory circuit of the fire alarm detection loop and cause a trouble signal at the control unit. Sensors shall include a communication transmitter and receiver in the mounting base having a unique identification and capability for status reporting to the FACU. Sensor address shall be located in base to eliminate false addressing when replacing sensors. Integral Addressable Module shall be arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit. Each sensor base shall contain an integral visual-indicating LED that will flash to provide power-on status each time it is scanned by the Control Unit (once every 4 seconds). In alarm condition, the sensor base LED shall be on steady. Base Mounting: Detector and associated electronic components shall be mounted in a twist-lock module that connects



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

	<p>to a fixed base.</p> <p>f) Quick Connect Arrangement: Photoelectric sensor and electronics in a single piece construction which shall twist-lock onto a mounting base that attaches to a standard electrical box. Provide terminals in the fixed base for connection to building wiring. Sensors shall include an internal communication transmitter and receiver in the sensor having a unique identification and capability for status reporting to the FACU. Integral Addressable Module shall be arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit. Each sensor shall contain an integral visual-indicating LED that will flash to provide power-on status each time it is scanned by the Control Unit (once every 4 seconds). In alarm condition, the sensor LED shall be on steady. Sensor and associated electronic components shall be mounted in a twist-lock module that connects to a fixed base.</p> <p>g) Each sensor base shall contain a magnetically actuated test switch to provide for easy pre-certification alarm testing at the sensor location. Combination smoke and heat sensors Rate-of-rise temperature characteristic shall be selectable at fire-alarm control unit for 15 or 20 deg F (8 or 11 deg C) per minute. The fixed-temperature sensing shall be independent of rate-of-rise sensing and shall be settable at fire-alarm control unit to operate at 135 or 155 deg F (57 or 68 deg C).</p> <p>h) Each sensor shall be scanned by the Control Unit for its type identification to prevent inadvertent substitution of another sensor type. Upon detection of a "wrong device", the control unit shall operate with the installed device at the default alarm settings for that sensor; 2.5% obscuration for photoelectric sensor, 135-deg F and 15-deg F rate-of-rise for the heat sensor, but shall indicate a "Wrong Device" trouble condition.</p>
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UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

i) Unless otherwise indicated, detectors shall be analog-addressable type, individually monitored at fire-alarm control unit for calibration, sensitivity, and alarm condition and individually adjustable for sensitivity by fire-alarm control unit. Provide multiple levels of detection sensitivity for each sensor.

j) Environmental compensation, programmable sensitivity settings, status testing, and monitoring of sensor dirt accumulation for the duct smoke sensor shall be provided by the FACU.

k) The sensor's electronics shall be immune from nuisance alarms caused by EMI and RFI. Removal of the sensor head for cleaning shall not require the setting of addresses.

l) Smoke detectors shall be compatible with the panel with a programmable sensitivity of 3 levels and shall have a manual dip switches for addressing.

B. CONVENTIONAL SMOKE DETECTORS

1. General: Comply with UL 268, "Smoke Detectors for Fire Protective Signaling Systems." Include the following features:

a) Factory Nameplate: Serial number and type identification.

b) Operating Voltage: 24 VDC, nominal.

c) Self-Restoring: Detectors do not require resetting or readjustment after actuation to restore normal operation.

d) Plug-In Arrangement: Detector and associated electronic components are mounted in a module that connects to a fixed base with a twist-locking plug connection. Base shall provide break-off plastic tab that can be removed to engage the head/base locking mechanism. No special tools shall be required to remove head once it has been locked. Removal of the detector head shall interrupt the supervisory circuit of the fire alarm



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

	<p>detection loop and cause a trouble signal at the control unit.</p> <p>e) Environmental Compensation: The detector shall provide a software filtering process that automatically compensates for environmental factors and component aging that affect detector operation.</p> <p>f) Each detector base shall have a manual dip switches for addressing.</p> <p>2. Type: Smoke detectors shall be of the photoelectric type and shall be compatible with the panel with a programmable sensitivity of 3 levels and shall have a manual dip switches for addressing.</p> <p>3. Bases: 4-wire with relay output and 2-wire with relay output shall be supported alternatives to the standard 2-wire base. Base shall incorporate integral terminal strip to accommodate wiring connections to fire-alarm control unit Initiating Device Circuit.</p> <p>6. Manual Pull Station:</p> <p>A. ADDRESSABLE MANUAL PULL STATIONS</p> <p>1. General Requirements for Manual Fire-Alarm Boxes: Comply with UL 38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.</p> <p>2. Description: Addressable double-action type, red LEXAN. Station shall mechanically latch upon operation and remain so until manually reset by opening with a key common with the control units. Station shall be push type without break glass; with integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.</p> <p>3. Provide with a front showing red LED showing that will flash each time it is</p>
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UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

scanned by the Control Unit (once every 4 seconds). In alarm condition, the station LED shall be on steady.

4. Indoor Protective Shield: Where required, or as indicated on the drawings, provide a factory-fabricated, tamperproof, clear LEXAN enclosure shield and red frame that easily fits over manual pull stations which shall be hinged at the top to permit lifting for access to initiate a local alarm. Unit shall be NRTL listed. Lifting the cover shall actuate an integral battery-powered audible horn intended to discourage false-alarm operation. The horn shall be silenced by lowering and realigning the shield. The horn shall provide 85dB at 10 feet and shall be powered by a 9 VDC battery.

5. California Building Code, Title 24: Where required pull station shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. Provides a more easily operated pull station lever compared to standard stations.

6. Weatherproof Protective Shield: Factory-fabricated clear plastic enclosure hinged at the top to permit lifting for access to initiate an alarm.

B. CONVENTIONAL MANUAL PULL STATIONS

1. General Requirements for Manual Fire-Alarm Boxes: Comply with UL 38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.

2. Description: Conventional double-action type, red LEXAN. Station shall mechanically latch upon operation and remain so until manually reset by opening with a key common with the control units. Station shall be push type without break glass; with integral addressable module arranged to communicate manual-station status (normal, alarm, or



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

trouble) to fire-alarm control unit.

3. Indoor Protective Shield: Where required, or as indicated on the drawings, provide a factory-fabricated, tamperproof, clear LEXAN enclosure shield and red frame that easily fits over manual pull stations which shall be hinged at the top to permit lifting for access to initiate a local alarm. Unit shall be NRTL listed. Lifting the cover shall actuate an integral battery-powered audible horn intended to discourage false-alarm operation. The horn shall be silenced by lowering and realigning the shield. The horn shall provide 85dB at 10 feet and shall be powered by a 9 VDC battery.

4. California Building Code, Title 24: Where required pull station shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. Provides a more easily operated pull station lever compared to standard stations.

5. Weatherproof Protective Shield: Factory-fabricated clear plastic enclosure hinged at the top to permit lifting for access to initiate an alarm.

7. Fire Alarm Horn with Strobe:

A. ADDRESSABLE NOTIFICATION

Audible/Visible: Addressable combination Audible/Visible (A/V) Notification Appliances shall be listed to UL 1971 and UL 464. The strobe device shall consist of a xenon flash tube and associated lens/reflector system, cover and mounting plate. For ease of installation audible/visible mounting plate shall mount directly to standard single gang, double gang or 4" square electrical box, without the use of special adapters or trim rings. The strobe shall provide multiple minimum flash intensities of 15cd, 30cd, 75cd, 110cd, 135cd and 185cd. The Candela levels shall be settable from the fire alarm control unit or using a hardware selector on the appliance. The Horn shall support Temporal Code 3, March Time (20, 60, or 120



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

	<p>BPM), Continuous, and Temporal Code 4 coding patterns. The horn shall have a minimum sound pressure level of 83 or 89 dBA for steady or 79 or 85 dBA for coded operation. When the appliance is connected to an active circuit, the front cover of the appliance shall be removable without causing a trouble indication on the fire alarm control unit. Appliances shall be wired with UTP conductors, having a minimum of 3 twists per foot. The appliance shall be capable of two-wire synchronization with one of the following options:</p> <p>a) Synchronized Strobe with Horn on steady.</p> <p>b) Synchronized Strobe with Temporal Code Pattern on Horn.</p> <p>c) Synchronized Strobe with March Time cadence on Horn.</p> <p>d) Synchronized Strobe firing to NAC sync signal with Horn silenced.</p> <p>B. CONVENTIONAL NOTIFICATION</p> <p>Audible/Visible: Combination Audible/Visible (A/V) Notification Appliances shall be listed to UL 1971 and UL 464. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. Provide a label inside the strobe lens to indicate the listed candela rating of the specific strobe. The horn shall have a minimum sound pressure level of 85 dBA @ 24VDC. The audible/visible enclosure shall mount directly to standard single gang, double gang or 4" square electrical box, without the use of special adapters or trim rings.</p>
<p>Also, may we request for sample photos or additional technical details for the furnitures?</p> <p>1. Free Standing Table 2. L-Shaped Free Standing Table</p>	<p>1. Free Standing Table</p>



UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

<p>3. Mounted Side Return 4. Conference Table 5. Meeting Table 6. Side Panel 7. Worksurface 8. Chairs 9. Mobile Pedestal 10. 4 Drawer lateral Cabinet</p>	<p>1000Lx500Dx750HT 1200Lx600Dx750HT Table Top: Melamine Laminated in Mocha Finish Body: Melamine Laminated in Charcoal Gray Finish</p> <p>2. L-Shaped Free Standing Table</p> <p>1400Lx700Dx750HT Table Top: Melamine Laminated in Mocha Finish Body: Melamine Laminated in Charcoal Gray Finish</p> <p>3. Mounted Side Return Top: 600D x 1200L x 25THK Melamine Laminated in Light Gray Finish Partition: Anthro 260 2 Tone Quarter Glass Light Gray Trims 1200HT Fabric Partition</p> <p>4. Conference Table 2400Lx1000Dx750HT Table Top: Melamine Laminated in Maple Finish Body: Melamine Laminated in Charcoal Gray Finish (w/ Flip-Up Door & Wire Management Tray)</p> <p>5. Meeting Table</p> <p>2400Lx1000Dx750HT Table Top: Melamine Laminated in Maple Finish Body: Melamine Laminated in Charcoal Gray Finish (w/ Flip-Up Door & Wire Management Tray)</p> <p>6. Side Panel Description: Mobile Room Divider Panel Construction: 20mm closed cell honeycomb core wrapped with non-woven fiberglass chop strand Frame: Scratch-resistant 20 GA powder-coated steel trim Connector: Full-length powder-coated steel piano hinge Position Control: Polyacetal molded hinge with loaded spring Rollers: 75/50 mm self-leveling swivel casters with wheel locks Finish: Laminated or full fabric</p> <p>7. Worksurface 1800Lx1200Dx25MM Mocha Walnut Table Top: Melamine Laminated in Mocha Finish</p>
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UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

BIDS AND AWARDS COMMITTEE 2 (BAC 2)

	<p>Frame: Charcoal Gray</p> <p>8. Chairs</p> <p>Swivel Chair Mid Back Chair Mesh Back Fixed nylon arms, nylon base Guest/Visitor Chair Mesh Backrest with Lumbar Support Loop Armrest in PP material Fabric Upholstered High-Density Foam Seatrest Chrome Finish Leg Frame</p> <p>Training Chair Size: 450MMx560MMx800MM PP Back and Seatrest Solid Steel Chrome Sled Frame</p> <p>Classroom Chairs 510Lx490Dx780HT Polypropylene (PP) Seat and Backrest</p> <p>9. Mobile Pedestal 400L x 560D x 660H mm Top: Melamine Laminated Charcoal Gray Finish Body: Melamine Laminated Charcoal Gray Finish</p> <p>10. 4 lateral Drawer Cabinet</p> <p>450Dx1500Lx750HT Top: Melamine Laminated in Mocha Finish Body: Melamine Laminated in Mocha Finish</p>
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This Bid Bulletin shall form part of the Bidding Documents. All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent herewith are hereby superseded and modified accordingly.

For guidance and information of all concerned.


MARIA ELIZA RUIZ AGUILA, PhD
Chair