

**Republic of the Philippines** 

Professional Regulation Commission P. Paredes St., Sampaloc, Metro Manila Facsimile: 5-310-0037 / email: bac@prc.gov.ph



### **REGULAR MEMBERS:**

ARISTOGERSON T. GESMUNDO

Chairman

OMAIMAH E. GANDAMRA Vice-Chairperson

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Member

CRISANTO L DECENA Member

CARLA ANGELINE B. UJANO

Member

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PROVISIONAL MEMBERS:

TEODORO V MENDOZA II

Provisional Member, Non-IT Projects

RICHARD M. ARANIEGO

Provisional Member, IT Projects

**SECRETARIAT:** 

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Secretary

MARGIERY D. DULIN

Member

MARIA ENRICA D. JUBAY

Member

**CHRISTOPHER A. MAYO** 

Member

Member

**ELIEZER C. LEYCO** 

LIF7FL F. BURAGA

Member

JOEL P. IGNACIO

# Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

| Items   |       | Description                    |   |  |
|---|-------|--------------------------------|---|--|
| Supply, Delivery, Installation, Testing and Commissioning of Various Audio Video (AV) System for the Conference Rooms of PRC Main Building and PICC Office Site and Audio System for PRC Auditorium Annex Building-Rebid  1. Projection and Digital Conference System for PRC Main Building |       |                                |   |  |
| QTY.  | UNIT  | ITEM/S                         | DESCRIPTIONS  |  |
| 2   | Set/s | Motorized Screen               | <ul> <li>Size: 120" diagonal<br/>(64"x102")</li> <li>Aspect ratio: 16:10</li> <li>Fabric: matte white</li> <li>With wireless RF remote<br/>control</li> </ul>   |  |
| 2   | Set/s | LCD Projector                  | <ul> <li>Brightness: 4,000 ANSI Lumens</li> <li>Contrast Ratio: 20,000:1</li> <li>Resolution/Aspect Ratio: 1280 x 800 (1,024,000 pixels) /16:10</li> <li>Lamp life: 5,000 hours (Normal) 7,000 (Ecomode)</li> <li>Connectors: HDMI, RGB,</li> <li>With wireless remote control</li> </ul> | 30<br>calendar<br>days<br>upon<br>receipt of<br>Notice to<br>Proceed |
| 2   | Set/s | Universal<br>Projector Bracket | <ul> <li>Flexible design to fit almost all popular projectors</li> <li>Metal type with cable management and cable routing channel for a clean look</li> </ul>   |  |



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| 2 | Set/s  | Wall Plate Patch   | HDMI     VGA  |   |
|---|--------|--|---|---|
| 2 | Set/s  | Wall Plate Patch   |   | 20  |
| 2 | Unit/s | Control Unit with<br>built-in Recorder<br>and Digital<br>Acoustic<br>Feedback<br>Suppression | <ul> <li>Internal recording for up to (8) eight hours</li> <li>External recording via USB up to 128 GB (&gt;4,000 hours).</li> <li>Recording and playback is done via either the Control Unit or via the web browser.</li> <li>Built-in Digital Acoustic Feedback Suppression (DAFS)</li> <li>Built-in loudspeaker and headphone socket for monitoring the proceedings</li> <li>Energy saving mode for cost minimization and prolonged life-time</li> <li>With 3.0 USB Flash drive 256GB (for the use in external recording for conference system)</li> <li>With 10 meters Extension cable assembly to connect the control unit to conference microphone</li> </ul> | and calendar days upon receipt of Notice to Proceed |

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SECTION VI - SCHEDULE OF REQUIREMENTS

SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF VARIOUS AUDIO VIDEO (AV) SYSTEM FOR THE CONFERENCE ROOMS OF PRC MAIN BUILDING AND PICC OFFICE SITE AND AUDIO SYSTEM FOR PRC AUDITORIUM ANNEX BUILDING-REBID



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Member

| 30        | Unit/     | Chairman/Delegat e Units with Long Gooseneck Microphones                                  | <ul> <li>Plug and play functionality conveniently connected and removed from the system without the need to power down or restart the system.</li> <li>GSM immunity or immunity to mobile interference to ensure clear and uninterrupted discussion/conference.</li> <li>Microphones units are configurable as chairman and delegates.</li> <li>With Loudspeaker and headphone sockets</li> <li>Gooseneck Microphones Length: 18 inches minimum.</li> <li>With LED indicator above the microphone button for the following: microphone on and request to speak. Lightring indicator in the head of microphone.</li> </ul> | 30<br>calendar<br>days<br>upon<br>receipt<br>of<br>Notice<br>to<br>Proceed |
|-----------|-----------|---|---|--|
| 2. Digita | al Confer | ence System for PICC Offic  | ce Site   |  |
| 2         | Unit/s    | Control Unit with<br>built-in Recorder and<br>Digital Acoustic<br>Feedback<br>Suppression | <ul> <li>Control all system elements – up to 245         Discussion devices per system (expandable)</li> <li>Intuitive control of microphone operating mode and loudspeaker volume via front panel capacitive buttons</li> <li>Advanced configuration and control via built-in web browser and tablet</li> <li>Internal recording for up to (8) eight hours</li> </ul>  | 30<br>calendar<br>days<br>upon<br>receipt<br>of<br>Notice<br>to<br>Proceed |



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CRISANTO L DECENA Member

Member

CARLA ANGELINE B. UJANO Member

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### **SECRETARIAT:**

KAREN M. MAGSALIN Secretary

MARGIERY D. DULIN

**MARIA ENRICA D. JUBAY** Member

**CHRISTOPHER A. MAYO** Member

**ELIEZER C. LEYCO**Member

**LIEZEL F. BURAGA** Member

|    |        |  | <ul> <li>External recording via USB up to 128 GB (&gt;4,000 hours).</li> <li>Recording and playback is done via either the Control Unit or via the web browser.</li> <li>Built-in Digital Acoustic Feedback Suppression (DAFS)</li> <li>Built-in loudspeaker and headphone socket for monitoring the proceedings</li> <li>Energy saving mode for cost minimization and prolonged life-time</li> <li>With 3.0 USB Flash drive 256GB (for the use in external recording for conference system)</li> <li>With 10 meters Extension cable assembly to connect the control unit to conference microphone</li> </ul> | 30<br>calendar<br>days |
|----|--------|--|---|------------------------|
| 30 | Unit/s | Chairman/Delegate<br>Units with Long<br>Gooseneck<br>Microphones | <ul> <li>Plug and play functionality conveniently connected and removed from the system without the need to power down or restart the system.</li> <li>GSM immunity or immunity to mobile interference to ensure clear and uninterrupted discussion/conference</li> <li>Microphones units are configurable as chairman and delegates.</li> <li>With Loudspeaker and headphone sockets</li> </ul>  |                        |



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| 3. Audio S | System fo | or PRC Annex Buildin   | <ul> <li>Gooseneck Microphones         Length: 18 inches'         minimum</li> <li>With LED indicator above         the microphone button         for the following:         microphone on and         request to speak. Light-         ring indicator in the head         of microphone.</li> </ul>  |   |
|------------|-----------|--|---|---|
| 2          | Set/s     | Portable column<br>system  | <ul> <li>12" subwoofer with 3-channel amp.</li> <li>3.5" full-range neodymium drivers</li> <li>Frequency response (-3dB): 43Hz - 20 KHz</li> <li>Frequency Range (-1odB): 37Hz - 20KHz</li> <li>Maximum SPL 127 dB</li> <li>Coverage (H X V) 120 degrees' x 40 degrees</li> <li>Amplifier rating: 1000 W</li> <li>LF ABD HF channel rating: 500W</li> <li>Crossover Frequency: 200 Hz</li> <li>Connectors: 2x XLR/TRS Combo Jack Input; 1x 3.5 mm Input; 1x Stereo RCA Input, 1x Wireless</li> <li>Bluetooth® Audio Input; 1x XLR THRU Output; 1x XLR MIX OUT Output</li> </ul> | 30<br>calendar<br>days<br>upon<br>receipt<br>of<br>Notice |
| 2          | Set/s     | Wireless Dual<br>Vocal Microphone<br>System<br>(Transmitter &<br>Receiver) | <ul> <li>Operating range: 100m         (300 ft.)</li> <li>Integrated microphone         capsule design</li> <li>RF Sensitivity: -105 dBm         for 12dB SINAD, typical</li> <li>Phantom power         protection</li> </ul>   | to<br>Proceed   |



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|   | r      | T                                   |  | 1                              |
|---|--------|-------------------------------------|--|--------------------------------|
| 1 | Set/s  | Cardioid<br>Gooseneck<br>Microphone | <ul> <li>Vocal Handheld         Microphone: 60Hz –         15kHz (Audio range)</li> <li>Type: Condenser         (electret bias)</li> <li>18-inch Gooseneck         Microphone</li> <li>Max SPL: Cardioid 124.2         dB</li> <li>Frequency response: 50-         17000 Hz</li> <li>Dynamic range: 96.2dB</li> <li>Shock mount provides         over 20 dB isolation from         surface vibration noise</li> <li>With Attached XLR         Preamp, Shock &amp; Dingenter of the series of t</li></ul> | 30<br>calendar<br>days<br>upon |
| 1 | Unit/s | Analog mixer                        | <ul> <li>12-channel Analog Mixer</li> <li>Phantom powered Mic preamps</li> <li>Built-in USB/Audio Interface to directly connect to PC</li> <li>Neo classic 3-band EQ'S with semi-parametric mic band for warm and musical background</li> <li>Inputs-Mic Preamps: 8 x XLR</li> <li>Phantom Power: 8</li> <li>Inputs –Line: 16 x TRS, 2 X RCA</li> <li>Outputs-Main: 2 x XLR, 2 X TRS</li> <li>Aux sends: 1 X Pre, 1 x Pre/Post, 1 x Post</li> </ul>  | receipt of Notice to Proceed   |



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| 1 | Unit/s | Graphic equalizer           | <ul> <li>31-band graphic equalizer for 2 channels</li> <li>FBQ feedback detection system to identify problematic frequencies</li> <li>Ultra-low noise operational amplifiers</li> <li>Frequency Bands: 31 per channel</li> <li>Bandwidth: 1/3 octave</li> <li>Frequency response: 10 Hz to 30 kHz</li> <li>Frequency range: 20Hz to 20KHz in 1/3 octave band</li> <li>Signal to Noise Ratio: &gt;94dB @ +4dBu, 22 Hz to 22 kHz</li> <li>Crossover Control: Dedicated mono subwoofer output with adjustable crossover frequency (30 to 300Hz)</li> </ul> |   |
|---|--------|-----------------------------|---|---|
| 1 | Unit/s | AV rack /<br>Equipment Rack | <ul> <li>600mm x 600mm 32RU</li> <li>Flexiglass front door with pushlock</li> <li>With vertical power strip 8 outlets</li> <li>With vertical cable manager</li> <li>With 3 trays</li> <li>4 exhaust fans</li> </ul>   | 30<br>calendar<br>days<br>upon<br>receipt of<br>Notice to |
| 1 | Lot    | Engineering<br>Services     | <ul> <li>inclusive of the following:         <ul> <li>Installation of all supplied items</li> </ul> </li> <li>Cable Pulling and termination</li> <li>Interconnecting Cables and connectors from equipment to wall patches for fixed installations.</li> </ul>   | Proceed   |



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Extension cables (High

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HDMI and VGA with Audio cables) from Wall patch to source (laptop). Interconnecting audio cables with connectors for Audio System (5TH Floor). 30 Installation of Switch calendar on and off for days upon motorized screen and receipt of projector **Notice to** Miscellaneous items **Proceed** including wall plastics moldings and flexible hose conduits. Testing, commissioning and

Warranty

One (1) year labor/parts and service warranty on all equipment and One (1) year warranty on all electronic equipment.

training

(SLD)

Turn-over documents including Equipment

Single-Line Diagram

ACKNOWLEDGMENT AND COMPLIANCE WITH THE TERMS OF REFERENCE FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF VARIOUS AUDIO VIDEO (AV) SYSTEM FOR THE CONFERENCE ROOMS OF PRC MAIN BUILDING AND PICC OFFICE SITE AND AUDIO SYSTEM FOR PRC AUDITORIUM ANNEX BUILDING-REBID

SIGNATURE OVER PRINTED NAME OF AUTHORIZED REPRESENTATIVE, DESIGNATION AND PRINTED NAME OF COMPANY