BIDS AND AWARDS COMMITTEE

Bid Bulletin No. 1

Rehabilitation of Speech Laboratory for the Philippine State College of Aeronautics/Rebidding for the Supply, Delivery, Installation and Commissioning of Digital Speech Laboratory Including Fixtures

Reference No. PB2024 – Goods – 4

This Supplemental Bid Bulletin No. 1 dated March 11, 2024 is being issued to clarify, modify or amend items in the Bidding Documents.

The following items in the Bidding Documents for the **Rehabilitation of Speech Laboratory for the Philippine State College of Aeronautics/Rebidding for the Supply, Delivery, Installation and Commissioning of Digital Speech Laboratory Including Fixtures** as discussed and agreed during the pre-bid conference held last February 28, 2024 are hereby revised/amended:

1. Section I. Invitation to Bid

From...	To...
2. The Philippine State College of Aeronautics now invites bids for the above Procurement Project. **Delivery of the Goods is required within One Hundred Twenty (120) calendar days upon receipt of Notice to Proceed.** Bidders should have completed, within ~~five (5)~~ years from the date of submission and receipt of bids, a contract similar to the Project.	2. The Philippine State College of Aeronautics now invites bids for the above Procurement Project. **Delivery of the Goods is required within One Hundred Twenty (120) calendar days upon receipt of Notice to Proceed.** Bidders should have completed, within **two (2)** years from the date of submission and receipt of bids, a contract similar to the Project.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before 12:30 PM on ~~March 12, 2024~~ Online or electronic submission of bids is not permitted. Late bids shall not be accepted.	7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before 12:30 PM on *March 18, 2024* Online or electronic submission of bids is not permitted. Late bids shall not be accepted.
9. Bid opening shall be on ~~March 12, 2024~~ at 1:00 pm at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.	9. Bid opening shall be on **March 18, 2024** at 1:00 pm at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

2. Section II. Instruction to Bidders

From...	To...
10.1. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within ~~five (5)~~ years prior to the deadline for the submission and receipt of bids.	10.1 The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **two (2) years** prior to the deadline for the submission and receipt of bids.

3. Section III. Bid Data Sheet

From...	To...
For this purpose, contracts similar to the Project shall be: a. *Supply, installation, rehabilitation of speech laboratory facilities, equipment, paraphernalia.* b. completed within the last ~~five (5) years~~	For this purpose, contracts similar to the Project shall be: a. *Supply, installation, rehabilitation of speech laboratory facilities, equipment, paraphernalia.*

prior to the deadline for the submission and receipt of bids.	b. completed within the last **two (2) years** prior to the deadline for the submission and receipt of bids.

4. Section VII. Technical Specifications

From...	To...

TERMS OF REFERENCE
 	
II. PROJECT REQUIREMENTS
 	
1. Procurement and installation of Digital Software-Based Speech Laboratory System with license for 30 students and 1 Instructor with perpetual license.
2. Installation of student tables and chairs that can accommodate 30 students and 1 faculty.
3. Procurement of thirty (30) computer units for students and one (1) for faculty.
4. Improving ventilation of the laboratory including installation of new air conditioning unit
5. Sound proofing of the Speech Laboratory.
6. ~~Clearing of the existing speech laboratory.~~
7. Installation and Shipment of items, Cable Management, Testing, Commissioning, and Training.
8. Training for aviation communication and languages faculty members in operating and maintaining the speech laboratory.
9. Installation of electrical outlets needed for the electrical equipment and devices.
 	
A. COMPUTER
General Specifications:
 	
A.1. Teacher Computer
 	
• Computer
  Processor: ~~Ryzen 5 5600X~~ Multiprocessor (3.7GHZ)
  Operating System: ~~Windows 11~~ Operating System (Professional) and Office Home and Student 365 (Perpetual License)
  Memory: 16GB DDR4 3600MHZ D50 RGB
  Storage: 1TB SX8200 Pro NVME PCIE M.2 SSD
	TERMS OF REFERENCE
	II. PROJECT REQUIREMENTS
	
	1. Procurement and installation of Digital Software-Based Speech Laboratory System with license for 30 students and 1 Instructor with perpetual license.
	2. Installation of student tables and chairs that can accommodate 30 students and 1 faculty.
	3. Procurement of thirty (30) computer units for students and one (1) for faculty.
	4. Improving ventilation of the laboratory including installation of new air conditioning unit
	5. Sound proofing of the Speech Laboratory.
	6. *deleted*
	7. Installation and Shipment of items, Cable Management, Testing, Commissioning, and Training.
	8. Training for aviation communication and languages faculty members in operating and maintaining the speech laboratory.
	9. Installation of electrical outlets needed for the electrical equipment and devices.
	
	A. COMPUTER
	General Specifications:
	
	A.1. Teacher Computer
	• Computer
	  Processor: **Multiprocessor (3.7GHZ)**
	  Operating System: **Operating System (Professional) and Office Home and Student 365 (Perpetual License)**
	  Memory: 16GB DDR4 3600MHZ D50 RGB
	  Storage: 1TB SX8200 Pro NVME PCIE M.2 SSD
	  Video/Graphics :8GB GDDR6 128Bit
	  Monitor: 32" FHD, Black LED Monitor
	  Mouse: wireless and/or USB 2-button optical mouse
	  Keyboard: multimedia keyboard
	  Sound: sound card or built-in audio and speaker
	  Headphones: with built in microphone and noise cancellation
	  Wi-Fi: with built-in Wi-Fi and Bluetooth

Video/Graphics : ~~GeForce RTX 3050~~ 8GB GDDR6 128Bit

Monitor : 32" FHD, Black LED Monitor

Mouse : wireless and/or USB 2-button optical mouse

Keyboard: multimedia keyboard

Sound : sound card or built-in audio and speaker

Headphones: with built in microphone and noise cancellation

Wi-Fi: with built-in Wi-Fi and Bluetooth

Connectivity: with at least HDMI and USB 2.0

~~LAN Switch: at least 30-Port Gigabit Unmanaged Switch~~

~~Router: 4 Port Gigabit~~

AVR: 500W AVR
- Quantity: one (1) unit
- With one (1) external hard drive included. At least 3TB, PC compatible
- Must be a globally known brand. (Desktop Computer)

A.2. Student Computer

- Computer

Processor: at least Core i5, 13th Gen

Operating System: ~~Windows 11~~ OS (Professional) and Office Home and Student 365 (Perpetual License)

Memory: 16GB DDR4 3200MHZ ~~Fury Beast RGB~~ (2X8)

Storage: 500GB ~~NV2 PCIE NVME M.2~~

Video/Graphics: ~~GeForce GTX 1650~~ 1245 – 1560 MghZ

Monitor: 23.8" FHD, Flat LED Monitor

Mouse: wireless and/or USB 2-button optical mouse

Keyboard: multimedia keyboard

Sound: sound card or built-in audio and speaker

Headphones: with built in microphone and noise cancellation

Wi-Fi: with built-in Wi-Fi and Bluetooth

Connectivity : with at least HDMI, USB 2.0, USB 3.0

Connectivity: with at least HDMI and USB 2.0

AVR: 500W AVR
- Quantity: one (1) unit
- With one (1) external hard drive included. At least 3TB, PC compatible
- Must be a globally known brand. (Desktop Computer)

A.2. Student Computer

- Computer

Processor: at least Core i5, 13th Gen

Operating System: Operating System (Professional) and Office Home and Student 365 (Perpetual License)

Memory: 16GB DDR4 3200MHZ

Storage: 500GB

Video/Graphics: 1245 – 1560 MghZ

Monitor: 23.8" FHD, Flat LED Monitor

Mouse: wireless and/or USB 2-button optical mouse

Keyboard: multimedia keyboard

Sound: sound card or built-in audio and speaker

Headphones: with built in microphone and noise cancellation

Wi-Fi: with built-in Wi-Fi and Bluetooth

Connectivity : with at least HDMI, USB 2.0, USB 3.0

LAN Switch : (1pc) 40 - Port Gigabit Unmanaged Switch

Router: (2pc) 4-Port Gigabit

AVR: 500W AVR
- Quantity: thirty (30) units
- Must be a globally known brand (Desktop Computer)

B. DIGITAL SPEECH LABORATORY SOFTWARE AND COMPONENTS

- **Description:** Innovative audio-visual multimedia speech laboratory system, engages teachers and students in an interactive learning environment. It enables wifi-display

LAN Switch : (1pc) 3̶0̶ - Port Gigabit Unmanaged Switch

Router: (1pc) 4-Port Gigabit

AVR: 500W AVR

- Quantity: thirty (30) units
- Must be a globally known brand (Desktop Computer)

B. DIGITAL SPEECH LABORATORY SOFTWARE AND COMPONENTS

- **Description:** Innovative audio-visual multimedia speech laboratory system, engages teachers and students in an interactive learning environment. It enables wifi-display (Smartphone and Tablet), dialogue, group discussion, student demonstration, on-line test, prompt feedback, grade, help, roll call, involving your students motivated and focused even under PC-based and non-PC-based classrooms.
- **Function:** wireless broadcasting, Bluetooth dual control, oral recording, interactive teaching, Dialogue to all/ partial, Group Dialogue, In class evaluation, Competition, Data management, Oral recording, learning management, Group learning, real-time feedback training, and oral, standardized, and comprehensive test platform.
- **License:** Perpetual license that can accommodate at least 35 students and 1 faculty.
- **Component:** teacher panel and/or console, student unit, booster, and other necessary components in the functionality of the speech laboratory software.
- All the wirings and cable management that will be used in the rehabilitation of the speech laboratory.
- Speech laboratory software that can accommodate at least 35 students and faculty.

FIXTURES REQUIREMENT AND SPECIFICATIONS:

a. AIRCONDITIONING UNIT (2 units) with installation

- Mounted : Ceiling

(right column)

(Smartphone and Tablet), dialogue, group discussion, student demonstration, on-line test, prompt feedback, grade, help, roll call, involving your students motivated and focused even under PC-based and non-PC-based classrooms.

- **Function:** wireless broadcasting, Bluetooth dual control, oral recording, interactive teaching, Dialogue to all/ partial, Group Dialogue, In class evaluation, Competition, Data management, Oral recording, learning management, Group learning, real-time feedback training, and oral, standardized, and comprehensive test platform.
- **License:** Perpetual license that can accommodate at least 35 students and 1 faculty.
- **Component:** teacher panel and/or console, student unit, booster, and other necessary components in the functionality of the speech laboratory software.
- All the wirings and cable management that will be used in the rehabilitation of the speech laboratory.
- Speech laboratory software that can accommodate at least 35 students and faculty.

FIXTURES REQUIREMENT AND SPECIFICATIONS:

a. AIRCONDITIONING UNIT (2 units) with installation

- Mounted : Ceiling Mounted
- Type : Inverter
- Cooling Capacity : not less than 3.0 hp
- EER : not less than 11
- Pipe size liquid : not less than 9.52
- Pipe size gas : not less than 15.88
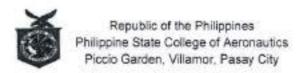- Pipe length : not less than 30m
- Quantity : two (2)
- Key features: installation flexibility, easy access air filter, reliable, long refrigerant pipe, energy saving, condenser durability
- Must be globally known brand.

b. LABORATORY TABLES AND CHAIRS
Table

Student Table and Booth (1:2 TABLE-CHAIR RATIO) (15 sets)
- Can accommodate 2 students at the same time.
- Modern style table
- With steel stand, board barrier and tempered

Mounted

- Type : Inverter
- Cooling Capacity : not less than 3.0 hp
- EER : not less than 11
- Pipe size liquid : not less than 9.52
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- Key features: installation flexibility, easy access air filter, reliable, long refrigerant pipe, energy saving, condenser durability
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b. LABORATORY TABLES AND CHAIRS
Table

Student Table and Booth (1:2 TABLE-CHAIR RATIO) (15 sets)

- Can accommodate 2 students at the same time.
- Modern style table
- With steel stand, board barrier and tempered glass.
- With corresponding holes and channel for wiring conduits
- Embedded I/O Ports, Managed Cables & Power Grid
- With at least two (2) drawers
- Made with melamine coated marine and steel tubular support with thick and powder-coated paint.
- PC Based: One table support 2 student PC's to reach interactive audio/video/microphone signals broadcasting.
- Length: not less than 1200 mm
- Width: not less than 1000 mm
- Height: not less than 750 cm
- With 1-30 numbered stickers

Teacher Table (1 PC)

- Customized Modernized Teacher Speech Laboratory Table
- With corresponding holes and channel for wiring conduits
- Embedded I/O Ports, Managed Cables & Power Grid
- Made with melamine coated marine.

glass.
- With corresponding holes and channel for wiring conduits
- Embedded I/O Ports, Managed Cables & Power Grid
- With at least two (2) drawers
- Made with melamine coated marine and steel tubular support with thick and powder-coated paint.
- PC Based: One table support 2 student PC's to reach interactive audio/video/microphone signals broadcasting.
- Length: not less than 1.20 m
- Width: not less than 0.60 m
- Height: not less than 0.80 m
- With 1-30 numbered stickers
- Table size can be subjected to change based on the size and capacity of the room.

Teacher Table (1 PC)

- Customized Modernized Teacher Speech Laboratory Table
- With corresponding holes and channel for wiring conduits
- Embedded I/O Ports, Managed Cables & Power Grid
- Made with melamine coated marine.
- Can accommodate All-in-one Computer set.
- With four (4) drawers
- Length: not less than 1.30 m
- Width: not less than 0.45 m
- Height: not less than 0.80 m
- Table size can be subjected to change based on the size and capacity of the room.

Chairs
- Student's chair: Ergonomic chair (30 pcs)
- Teacher's chair: Junior Executive Ergonomic Chair (1 pc)

c. LABORATORY SOUND PROOFING
- Wall to Ceiling installation sound proofing with acoustic panels.
- Including the rehabilitation of the ceiling and walls **using fiber cement board**
- Acoustic installation of modular panel
- Asbestos free and non-toxic
- Have excellent absorption properties on middle and high frequency.
- Fire retardant material with excellent fire-proof characteristics.
- Color: Gray/ white/ cream
- Dimension: must cover the whole ceiling and walls of PhilSCA Speech Laboratory Room.

- Can accommodate All-in-one Computer set.
- With four (4) drawers
- Length: not less than ~~1200 mm~~
- Width: not less than ~~1000 mm~~
- Height: not less than ~~750 mm~~
- Size will be subject to the capacity of the room to accommodate 30 students.

Chairs

- Student's chair: Ergonomic chair (30 pcs)
- Teacher's chair: Junior Executive Ergonomic Chair (1 pc)

c. LABORATORY SOUND PROOFING

- Wall to Ceiling installation sound proofing with acoustic panels.
- Including the rehabilitation of the ceiling and walls .
- Acoustic installation of modular panel
- Asbestos free and non-toxic
- Have excellent absorption properties on middle and high frequency.
- Fire retardant material with excellent fire-proof characteristics.
- Color: Gray/ white/ cream
- Dimension: must cover the whole ceiling and walls of PhilSCA Speech Laboratory Room.

d. LABORATORY TILES

- 60 x 60 Ceramic Tiles : not less than 160 pieces
- ABC Grout: not less than 4 bags
- ABC Adhesive: not less than 40 bags
- Boson tile cutting disc: not less than 5 pieces
- Color: white
- Including the commissioning

e. INTERACTIVE AND DIGITAL FLAT PANEL DISPLAY WHITE BOARD

- Quantity : two (2) units
- Screen : Full HD display
- Dimension: 85 inches
- Features : HD display
- Screen sharing with laptop.
- With shared USB ports

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- 60 x 60 Ceramic Tiles : not less than 160 pieces
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- Quantity : two (2) units
- Screen : Full HD display
- Dimension: 85 inches
- Features : HD display
- Screen sharing with laptop.
- With shared USB ports

f. SHORT THROW LASER PROJECTOR

- Resolution: WXGA Resolution
- Brightness: White and colour light output at 3500 lumens
- Screen: Dual screen interactivity
- Throw Distance: Ultra short throw 80" 47cm
- Interactive: finger touch interactive
- Multi PC Projection
- 10,000 hours lamp life in eco mode
- 3 x HDMI
- Quick start up mode
- With ceiling mount bracket
- With remote control
- Must be globally known brand.

g. HDMI

Cable

- 4K
- Not less than 15 meters
- Data resolution: Ultra HD
- Quantity: 2 units

Splitter

- 4K
- Not less than 15 meters
- Dual simultaneously display.
- Quantity: two (2) units

h. VISUALIZER/ DOCUMENT PRESENTER

- Set-up : wireless
- Quantity : one (1) unit
- Connectivity: USB, Ethernet, HDMI Technology
- Focus: 192x Zoom (12x optical + 16x Digital) and multiple auto Focus options)
  - With built in remote control
  - Full HD 1080p, 8MP capture camera, 20X digital zoom.

f. SHORT THROW LASER PROJECTOR

- Resolution: WXGA Resolution
- Brightness: White and colour light output at 3500 lumens
- Screen: Dual screen interactivity
- Throw Distance: Ultra short throw 80" 47cm
- Interactive: finger touch interactive
- Multi PC Projection
- 10,000 hours lamp life in eco mode
- 3 x HDMI
- Quick start up mode
- With ceiling mount bracket
- With remote control
- Must be globally known brand.

g. HDMI

Cable
- 4K
- Not less than 15 meters
- ~~24K gold platted connector~~
- Data resolution: Ultra HD
- Quantity: ~~four (4)~~ 2 units

Splitter
- 4K
- Not less than 15 meters
- Dual simultaneously display.
- Quantity: two (2) units

h. VISUALIZER/ DOCUMENT PRESENTER

- Set-up : wireless
- Quantity : one (1) unit
- Connectivity: USB, Ethernet, HDMI Technology
- Focus: 192x Zoom (12x optical + 16x Digital) and multiple auto
    Focus options)
    - With built in remote control
    - Full HD 1080p, 8MP capture camera, 20X digital zoom.

i. MOTORIZED PROJECTOR SCREEN

- Size: not less than 96" x 120"
- Screen : Ultra bright screen surface
- High quality matte white surface
- Wrinkle free and lightweight aluminum case
- Equipped with powerful low noise motor.

i. MOTORIZED PROJECTOR SCREEN

- Size: not less than 96" x 120"
- Screen : Ultra bright screen surface
- High quality matte white surface
- Wrinkle free and lightweight aluminum case
- Equipped with powerful low noise motor.
- With remote control

j. SMART PODIUM/ LECTERN

- Screen size: not less than 21.5"
- Resolution: not less than 1920x1080
- Screen sharing: connect with mobile devices, laptops
- Dimension: electrically height adjusted
- Operating system: intel 15, windows 10, 8GB RAM, 128GB SSD

k. ELEVATED PLATFORM

Material: wood and carpeted
Dimension:
Width : not less than 60 cm
Length: not less than 400 cm
Height: not less than 6 inches

L. LIGHTS
- Quantity: not less than 15 pcs
- Type : LED (tri-color)
- PIN Lights

M. DOOR
- Quantity: Two (2) doors
- Installation of new doors to Speech Laboratory

N. STORAGE CABINET
- Storage combination with doors
- Material : metal / steel
- Size: adjustable
- Equipped with lock.
- With at least five (5) drawers.
- Provision to hang.

O. MULTI-FUNCTIONAL INTERACTIVE DEVICE

Multi-functional interactive device combines the functionality of the following components:
- Multi-Media Public Address System Set
    a. Speakers (5 units)
    b. Amplifier (1 unit)
    c. Gooseneck Microphone (3 unit)
- Embedded with High Quality Audio System

- With remote control

j. SMART PODIUM/ LECTERN

- Screen size: not less than 21.5"
- Resolution: not less than 1920x1080
- Screen sharing: connect with mobile devices, laptops
- Dimension: electrically height adjusted
- Operating system: Intel 15, windows 10, 8GB RAM, 128GB SSD

k. ELEVATED PLATFORM

Material: wood and carpeted
Dimension:
Width :   not less than 60 cm
Length: not less than 400 cm
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L. LIGHTS

- Quantity: not less than 15 pcs
- Type   :   LED

M. DOOR

- Quantity: Two (2) doors
- Installation of new doors to Speech Laboratory

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Multi-functional interactive device combines the functionality of the following components:

- Multi-Media Public Address System Set
    a. Speakers (5 units)
    b. Amplifier (1 unit)
    c. Gooseneck Microphone (3 unit)
- Embedded with High Quality Audio System

P. PRINTER

- Type: Print, Scan, Copy, Fax with ADF
  Printing
- Max Resolution :   4800 x 1200 dpi
  Copying
- Max copies from standalone: 99 copies
- Reduction/ Enlargement: 25 – 400%
- Max copy resolution: 600 x 600 dpi
- Max copy size: Legal
  Scanning
- Type: Flatbed colour image scanner
- resolution :   1200 x 2400 dpi
- Max scan area :   216 x 356 mm
- Can scan colour, grayscale, black and white Interface
- USB: USB 2.0
- Network: Ethernet, Wifi, Wifi Direct
- Control panel: LCD screen
- With black, cyan, magenta, and yellow ink
- Quantity: Two (2) units

Q. Circuit Breaker

- Must be installed inside the speech laboratory.
- Including wirings that will connect the speech laboratory breaker to the floor main breaker.
- Can accommodate at least 31 computers and other fixtures and equipment.
- Electrical wirings are hidden as much as possible.

III.   Project Details and other Requirements

1. Other Project Requirements

The project will cover the supply, delivery, installation, and testing of New Speech Laboratory and fixtures such as student tables, white boards, electrical wiring, cables management, commissioning, civil works, and outlets must be completed within the project duration requirement.

2. Allocated Budget for the Contract

The allocated budget for this project is **ten million eight hundred thousand pesos (P10,800,000.00)** inclusive of taxes and other product, delivery, and installation expenses.

3. Project Completion Period

Philippine State College of Aeronautics is expecting that the speech laboratory and fixtures will be delivered within **120 calendar days** upon receipt of Notice to Proceed (NTP). The project will be declared completed if and only if the speech laboratory and other fixtures are properly installed and fully functional.

4. Delivery Place

The product is expected to be delivered at Philippine State College of Aeronautics, Piccio

P. PRINTER

- Type: Print, Scan, Copy, Fax with ADF
  Printing
- Max Resolution : 4800 x 1200 dpi
  Copying
- Max copies from standalone : 99 copies
- Reduction/ Enlargement: 25 – 400%
- Max copy resolution: 600 x 600 dpi
- Max copy size: Legal
  Scanning
- Type: Flatbed colour image scanner
- resolution : 1200 x 2400 dpi
- Max scan area: 216 x 356 mm
- Can scan colour, grayscale, black and white
  Interface
- USB: USB 2.0
- Network: Ethernet, Wifi, Wifi Direct
- Control panel: LCD screen
- With black, cyan, magenta, and yellow ink
- Quantity: Two (2) units

III. Project Details and other Requirements

1. Other Project Requirements

The project will cover the supply, delivery, installation, and testing of New Speech Laboratory and fixtures such as student tables, white boards, electrical wiring, cables management, commissioning, civil works, and outlets must be completed within the project duration requirement.

2. Allocated Budget for the Contract

The allocated budget for this project is **ten million eight hundred thousand pesos (P10,800,000.00)** inclusive of

Garden, Villamor, Pasay City.

5. Other Inclusive Services

The supplier shall cover the warranty of speech laboratory and accessories under a specific duration including:

a) Provide user manual of operation for the equipment.
b) Full training for the use of the speech laboratory for faculty and technician
c) Provide service level agreement and discuss escalation procedure.
d) Consultation / Seminar for product use
e) Product Demonstration
f) Commissioning test and system integration should be conducted before acceptance.
g) Dismantling and clearing of existing room are included in the job contract.

6. Warranty

At least two years (2) warranty for New Speech Laboratory parts, system, software, and after sale services from the **date of acceptance.**

7. Layout

The supplier shall provide a proposed layout/design of the speech laboratory upon bidding.

Documentary Requirements

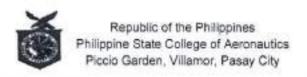1. **Requirements of Product Providers**

For Foreign Manufacturer

- Proof showing that the manufacturer has been in the business manufacturing laboratory equipment for at least 2 years.
- Document showing the list of accredited service centers (owned or leased)
- Preferably ISO certified.

For First Tier Distributor

- Valid certification of the bidder as First Tier Distributor issued by the manufacturer.
- Certification that the bidder has been engaged to the sales of manufacturer's product for the period of at least two (2) years.
- Document showing that the distributor successfully transacted business with at least two (2) higher education institutions (HEI's) for the last 2 years.
- Supplier shall provide technical personnel to perform maintenance check for the equipment, if needed. Supplier must attach the list of manpower requirements.
- Presentation of product demo either actual or recorded and present brochures of product being offered during the opening of bids.

2. Requirements if awarded the contract

a. For the purpose of information on the parts, components, systems, maintenance and operation of

taxes and other product, delivery, and installation expenses.

3. Project Completion Period
Philippine State College of Aeronautics is expecting that the speech laboratory and fixtures will be delivered within **120 calendar days** upon receipt of Notice to Proceed (NTP). The project will be declared completed if and only if the speech laboratory and other fixtures are properly installed and fully functional.

4. Delivery Place
The product is expected to be delivered at Philippine State College of Aeronautics, Piccio Garden, Villamor, Pasay City.

5. Other Inclusive Services
The supplier shall cover the warranty of speech laboratory and accessories under a specific duration including:
a) Provide user manual of operation for the equipment.
b) Full training for the use of the speech laboratory for faculty and technician
c) Provide service level agreement and discuss escalation procedure.
d) Consultation / Seminar for product use
e) Product Demonstration
f) Commissioning test and system integration should be conducted before acceptance.
g) Dismantling and clearing of existing room are included in the job contract.
6. **Warranty**
At least two years (2) warranty for New Speech Laboratory parts, system, software, and after sale services from the date of ~~delivery~~ acceptance.
7. **Layout**
The supplier shall provide a proposed layout/design of the speech laboratory upon bidding.

II. Documentary Requirements

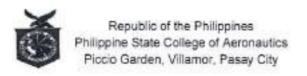1. **Requirements of Product Providers**

For Foreign Manufacturer
- Proof showing that the manufacturer has been in the business manufacturing laboratory equipment for at least 2 years.
- Document showing the list of

the **speech laboratory** shall provide publications/Manuals prepared in English language with electronic copies.

b.Technical Documents and Publication for the purpose of operation, maintenance and troubleshooting of the speech laboratory and its attendant support requirement will be provided such as but not limited to:

1. Maintenance/Troubleshooting Manual
2. Speech Laboratory Manual
3. User's Guide Manual
4. Software Manual

The supplier shall ensure that any discrepancy due to material failure shall be corrected and delivered to the end-user at supplier's expense within 30 calendar days upon the receipt of Notice of Discrepancy from Philippine State College of Aeronautics.

accredited service centers (owned or leased)
- Preferably ISO certified.

For First Tier Distributor
- Valid certification of the bidder as First Tier Distributor issued by the manufacturer.
- Certification that the bidder has been engaged to the sales of manufacturer's product for the period of at least two (2) years.
- Document showing that the distributor successfully transacted business with at least two (2) higher education institutions (HEI's) for the last 2 years.
- Supplier shall provide technical personnel to perform maintenance check for the equipment, if needed. Supplier must attach the list of manpower requirements.
- Presentation of product demo either actual or recorded and present brochures of product being offered during the opening of bids.

2.Requirements if awarded the contract

a.For the purpose of information on the parts, components, systems, maintenance and operation of the **speech laboratory** shall provide publications/Manuals prepared in English language with electronic copies.

b. Technical Documents and Publication for the purpose of operation, maintenance and troubleshooting of the speech laboratory and its attendant support requirement will be provided such as but not limited to:

   1. Maintenance/Troubleshooting Manual
   2. Speech Laboratory Manual
   3. User's Guide Manual
   4. Software Manual

The supplier shall ensure that any discrepancy due to material failure shall be corrected and delivered to the end-user at supplier's expense 30 calendar days upon the receipt of Notice of Discrepancy from Philippine State College of Aeronautics.

5. Discussions

a. The prebid conference was called to Mr. Darby P. Esperanzate, BAC Chairperson, and instructed the BAC Secretariat to determine the quorum prior to the start of the meeting proper. The secretariat introduced the members of the Bids and Awards Committee who are present, as well as the members of the Technical Working Group. It was reported that there was a quorum.

b. Mr. Noel E. Lagui, BAC Secretariat, read and discussed each section of the Bidding Documents, as well as the requirements listed in the provided checklist in the Bidding Documents.

c. One of the bidders requested for the BAC comments if the bidder has no a single contract equivalent to at least 50% of the project's ABC. The BAC reiterated that they may submit at least two (2) completed similar contracts provided that the aggregate amount is equivalent at least 50% of the ABC.

d. Bidders are required to conduct their ocular inspection of the Speech Laboratory Room prior to the issuance of Certificate of Site Inspection which is included in the bidder's technical documents to be submitted.

This Supplemental Bid Bulletin No. 1 shall form part of the Bid Documents. Any provision in the Bid Documents inconsistent herewith is hereby amended, modified, and superseded accordingly.

For the information and guidance of all concerned.

Issued this 11ᵗʰ day of March, 2024 in the City of Pasay.

(Sgd.) MR. DARBY P. ESPERANZATE
Chairman, Bids & Awards Committee