



Construction Industry Authority of the Philippines

REQUEST FOR QUOTATION/PROPOSAL

CIAP-F-PrM-03

Rev. No.: 00

Supply, Delivery and Installation of a Session Initiated Protocol (SIP) Trunking and IP PABX System for CIAP Office in NAPOLCOM Bldg Makati City

P.R. No./Date: 25-05072 | 05 May 2025

RFQ/P No. / Date: 2025-05-057 | 09 May 2025

The Construction Industry Authority of the Philippines (CIAP) invites all eligible suppliers, contractors and consultants to quote the best offer for the described item/s in the attached **Terms of Reference/Technical Specifications** subject to the Terms and Conditions and within the **Approved Budget for the Contract (ABC)**.

The following are the required document/s to be submitted as attachment/s to the quotation/proposal:

(Please submit the documents required to be submitted by the bidder pursuant to Annex "H"-Appendix A of Revised of The 2016 Revised IRR)

- 1 Mayor's/Business Permit
- 2 PhilGEPS Registration Number
- 3 Latest Income/Business Tax Return
- 4 Notarized Omnibus Sworn Statement (original notarized copy to be submitted before issuance of PO/JO/Contract)
- 5 Signed Terms of Reference or Technical Specifications, if applicable
- 6 BIR Certificate of Registration (BIR Form No. 2303)

This pro-forma quotation maybe submitted through registered or electronic mail to the CIAP Bids and Awards Committee Secretariat at address indicated below or email to bac_ciap@construction.gov.ph/russellracelis@construction.gov.ph on or before 27 May 2025, 12:00 NN, together with any additional requirements indicated in the attached Terms of Reference / Technical Specifications, and subject to the following Terms and Conditions:

1. All entries shall be typed or written in a clear legible manner.
2. No alternate quotation/offer is allowed, suppliers who submitted more than one quotation shall be automatically disqualified.
3. All prices offered herein are valid, binding and effective for sixty (60) calendar days upon receipt of the bid. Alternative bids shall be rejected.
4. Price quotations to be denominated in Philippine Peso shall include all applicable government taxes subject to (BIR 2306) 5% R-VAT and (BIR 2307) 1% (PO) or 2% (JO) deductions.
5. CIAP-BAC Technical Working Group may require you to submit documents that will prove your legal, financial and technical capability to undertake this contract.
6. Salient provisions of the IRR of RA 9184: Section 68 - Liquidated Damages and Section 69 - Imposition of Administrative Penalties shall be observed.
7. CIAP reserves the right to reject any and all quotations, declare a failure, or not award the contract pursuant to Sec 41 of the same IRR.
8. In case of tie quotations, suppliers' presence is required during tie breaking through draw lots or toss coin.
9. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed *Terms of Reference/Technical Specifications*.
10. Payment shall be made through *check payment (Landbank)*.
11. For bidders with Landbank of the Philippines Bank Account Number, please write Account Number: _____.

Very truly yours,
(ORIGINAL Copy Signed)

Russell N. Racelis

Secretariat, Bids and Awards Committee

CONSTRUCTION INDUSTRY AUTHORITY OF THE PHILIPPINES

4th Floor Room 410, Executive Building Center, 369 Sen. Gil Puyat Ave., cor. Makati Ave., Makati City

Telephone: 0917-855-7198 | e-mail: bac_ciap@construction.gov.ph

Item	QTY	ABC	Technical Specifications	Brand/Model	Unit Price	Total Amount
				(To be filled-out by the supplier)		
1	1 lot	₱ 810,000.00	Supply, Delivery and Installation of a Session Initiated Protocol (SIP) Trunking and IP PABX System for CIAP Office in NAPOLCOM Bldg Makati City ** See attached for complete Terms of Reference ****			
Total ABC		₱ 810,000.00				
Delivery and Other Instructions:			Within 75 calendar days upon receipt of the NTP/PO			

(Please provide **complete** information below)

We undertake, if our Proposal is accepted, to supply/deliver the goods in accordance with the specifications and/or delivery schedule.

We agree to abide by this proposal for the price validity period specified in the terms and conditions and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a Purchase/Job Order or a Contract is prepared and executed, this Quotation/Proposal shall be binding upon us. We understand that CIAP is not bound to accept the lowest or any proposal that CIAP may receive.

Signature over Printed Name : _____

Designation/Position : _____

Name of Company : _____

Address : _____

Telephone / Fax : _____

E-mail Address: _____

Company Tax Identification Number : _____

**CONSTRUCTION INDUSTRY AUTHORITY OF THE PHILIPPINES
Makati City**

TERMS OF REFERENCE

Supply, Installation, Testing and Commissioning of One (1) Lot – Supply, Delivery and Installation of a Session Initiated Protocol (SIP) Trunking and an IP PABX System for the new CIAP office in NAPOLCOM Building, Makati City

I. Approved Budget for the Contract:

The Approved Budget for the Contract (ABC) is Eight Hundred Ten Thousand Pesos (Php 810,000.00) inclusive of all government taxes and other fees and charges.

II. Specifications:

A. Technical Specification:

Equipment

- Managed IP-PABX System
- NX DBM Vocoder
- NX DBM VMS
- 10 Vocoder Channels for SIP Trunk. Support for up to 10 SIP Sessions
- 36 IP Subscriber Licenses for Existing IP Phones
- 1 Operator IP Phone, VP510
- 35 Wi-Fi SIP Phones w/ PoE Port*
- PABX Side Installation Materials and Peripherals
- Installation, Testing, Commissioning and Acceptance
- Standard Warranty & Support (1 Year)
- Project Acceptance and Turnover
- SIP TRUNK 10 SESSION

B. Requirement Specifications

- PABX System must have minimum capacity of the following configuration:
 - 10 SIP Ports
 - 36 IP Subscriber Licenses for IP Extensions
 - 1 Operator IP Phone
 - 35 Wi-Fi SIP Phones w/ PoE Ports
- The IP-PBX/PABX/Communication System shall employ IP at its core with IP switching technology and 100% non-blocking.
- The system should be IPV6 ready.
- The system should have VoIP and VMS at its core i.e. VoIP and VMS modules should sit on the CPU.
- The architecture of the system shall be capable of seamless migration to its maximum capacity by simply adding peripherals cards/modules in the same chassis without compromising function/features of the system. The architecture should be non-stackable eliminating individual power supply for each chassis.



- The system should be built on a universal slot architecture and modular in design to enable seamless growth, by adding the desired necessary modules and cards as and when required. Any interface peripheral card can be inserted in any slot of the platform, whereby it is possible to increase or decrease the trunk lines or subscriber lines of the system as per the requirement.
- System power supply should be inbuilt and SMPS type with input ranges from 100 – 240 VAC, 47-60 Hz OR 48VDC +/- 15%
- It shall have distributed processing architecture, SLIC and SMT Design.
- It should support SIP over TLS and SRTP to ensure VoIP call security over IP network.
- System should have two Gigabit Ethernet ports for LAN and WAN to separate out local and VoIP/SIP traffic on external network.
- The system shall be compatible with SIP line of Local Service Provider.
- The system shall have built-in web-based software programming tool for system administration.
- Detail reports of all system parameters should be generated through the SMDR port of system.
- Each port of the system shall be programmable. It shall have programmable features port-wise/extension-wise.
- The system shall support flexible numbering for extensions such as it may have extensions with 1 digit, 2 digits and up to 6 digits numbers as well as in combination of all.
- Storage of outgoing, incoming and internal call reports shall be generated on SMDR port of the system. It shall also be available online through Ethernet Port.
- The hardware should be 19" rack mountable with not more than 1U size so that it can be accommodate with the standard rack.
- Full Comprehensive Warranty (12 Months) for PABX system and telephone handsets
- Knowledge Transfer and End-User Training must be provided after commissioning.

III.

Scope of Work:

This project involves the Deployment and Configuration of the IP PBX system, communication modules, and Phone handsets for Construction Industry Authority of the Philippines.

3.1 SIP Installation

- 3.1.1. Create detailed layout, routing, and technical specifications.
- 3.1.2. Supply cables, connectors, patch panels, and necessary hardware.
- 3.1.3. Perform physical preparations like ducting or core drilling (if necessary)
- 3.1.4. Route, secure, and label cables according to design.
- 3.1.5. Terminate or splice cables at connection points.
- 3.1.6. Conduct performance and continuity tests; ensure compliance.
- 3.1.7. Provide as-built diagrams, test reports, and labeling records.

3.2 PABX System Installation

3.2.1 Installation of IP PBX System

- Mount and install the IP PBX main unit in the designated room.
- Ensure proper power and network connection to the system.
- Secure and label installed equipment for easy identification.

3.2.2 Installation of Communication Module

- Install and connect any required telephony modules (e.g., FXO/FXS/SIP/PRI cards).
- Verify module recognition by the system.

3.2.3 Configuration of IP PBX System

- Configure access codes to be use and series of local extensions.
- Ensure to configure trunk line number and credentials (e.g., IP address Signaling and SBC IP, Telephone number/s, codec, etc.) from the service provider.
- Configure inbound and outbound call routing.

3.2.4 Installation and configuration of Phones

- Mount, and connect phones to pre-terminated telephone/data ports.
- Ensure each handset is receiving power or dial tone.
- Configure the required credentials (SIP ID, Auth Password, and Server Address) for IP Phones.
- Verify connectivity to the IP PBX system.

3.3.5 Configuration of IP PBX System

- Ensure that inbound call is successful to all telcos and Caller ID should reflect in the Phone screen if applicable.
- Ensure that outbound call is successful to all telcos (Local, NDD, IDD if applicable).

3.2.6 Deliverables

- Properly installed IP PBX system, modules, Phones.
- 1 Operator IP Phone
- 35 Wi-Fi SIP Phones
- SIP Trunk, 10 Sessions
- Devices securely mounted and powered.
- Labeling of all installed equipment and ports.

IV. Qualification Requirement

- The provider must have a 2 Certified Network Associate (CCNA) to validate knowledge on fundamental networking concepts often requested in networking roles in IT positions. Must be employed in the company. Shall provide proof of certification.
- The provider must have a 2 Certified Network Professional (CCNP) that aims to further develop advanced networking skills in core routing and switching. Demonstrate your understanding of virtualization software, virtual machines, and virtual switches. Must be employed in the company. Shall provide proof of certification.
- The provider must have a 2 Certified Information Technology Infrastructure Library (ITIL), a framework that helps businesses align IT services with their needs. ITIL certification can help professionals: Enhance their career prospects, stay current with ITIL practices, Develop IT service management skills, and contribute to organizational success. Must be employed in the company. Shall provide proof of certification.
- The provider must have a 2 Certified Internetwork Expert (CCIE) certification is a technical certification for senior networking professionals who design, build, implement, maintain, and troubleshoot complex enterprise networking infrastructures. Must be employed in the company. Shall provide proof of certification.

V. Delivery/Installation Site/Completion Period

Delivery	Installation Site	Completion
Full Session Initiated Protocol (SIP) Trunking and an IP PABX System <i>Installed at CIAP Office at NAPOLCOM Building, Makati</i>	Construction Industry Authority of the Philippines. 2F/3F Napolcom Building, 371 Sen. Gil J. Puyat Ave, Makati	Seventy-Five (75) calendar days upon receipt of NTP/PO

VI. **Conditions of the Contract:**

1. The Supplier/Contractor shall ensure that the items delivered are in accordance with the specifications required.
2. The Supplier/Contractor, in consideration of the payment to be made by **CIAP** of the sum of money hereinafter specified, binds itself to pay, furnish, install and complete any and all necessary permits, materials, labor, tools, equipment, supplies, utilities, transportation, superintendence, supervision and other facilities for the satisfactory performance for the supply installation, delivery, testing and commissioning of One (1) Lot **Session Initiated Protocol (SIP) Trunking and an IP PABX System** at current and new office of **CIAP**.
3. The Supplier/Contractor shall be fully responsible for the safety of his men and clearly understand and agree that no employer – employee relationship shall exist between the **Supplier/Contractor's** men and **CIAP**. Any damaged caused by the **Contractor** or its personnel to any property of **CIAP** or injury or death to a third party shall be the sole responsibility of the **Supplier/Contractor** and the latter shall pay the cost or shoulder the burden thereof.
4. The **CIAP** shall be free from any kind of claims, damages, liabilities or courses of action in the event the Supplier/Contractor violates any terms and conditions hereof, including any and all liabilities arising from the **Supplier/Contractor's** non – compliance with the requirements of the Workmen's Compensation, Social Security and other labor laws.

VII. **Warranty Period must be covered by Certificate**

- One (1) year warranty upon final acceptance of the project. If any of the **Session Initiated Protocol (SIP) Trunking and an IP PABX System** Machine and Equipment developed trouble and or malfunction within the warranty period the same shall be repair/parts replaced free of charge and its warranty will be extended until such time the contractor completed the repair.
- Cost of transportation and technicians per diem shall be also to the account of the contractor.

VIII. **Payment:**

1. Payment shall be processed after completion of delivery subject to complete documents for payment.
2. For every day of delay, 1/10 of 1% of unperformed/undelivered quantity shall be deducted from the payment, in case the Supplier/Contractor fails to deliver/complete the project/items on time.

Prepared by:



MIKE KENNETH CABUSLAY
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PPCMD

Recommended By:



ATTY. NATALIE P. LABANG
Division Chief, PPCMD

Reviewed by (for ICT Task Force):



CHARLIE A. BARINQUE
ICT Task Force Member, Officer-in-
Charge, PPCMD

Approved By:



ATTY. HERBERT D.G. MATIENZO
Acting Executive Director, CIAP

CONFORME:

This is to certify that the undersigned, as an authorized representative of the Contractor, confirms and complies with all the requirements and deliverables needed for the _____

Name and Signature of Authorized Representative of the Contractor

PhilGEPS Registration Number

Tax Identification Number

Date