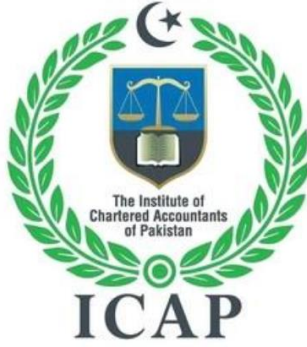




August 7, 2026

Request for Proposal (RFP)

SmartCabinet

Institute of Chartered Accountants of Pakistan (ICAP)

Introduction

The Institute of Chartered Accountants of Pakistan (ICAP) is a professional body of Chartered Accountants in Pakistan. ICAP was established and incorporated in the year 1961 under the Chartered Accountants Ordinance, 1961 with the prime objective of regulating the profession of accountancy in Pakistan. ICAP is responsible for conducting chartered accountancy examinations under the Chartered Accountants Ordinance and plays a pivotal role in cultivating and nurturing the younger generation for leadership through its robust education and examination system which is recognized all over the world.

Bid Timetable

Description	Date
RFP Issuance	August 07, 2026
Queries Submission Deadline	August 17, 2026
Bid Submission	August 18, 2026
Opening of Bids	August 19, 2026

Contact Information

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Bid Overview

ICAP invites proposals from qualified vendors for the supply, installation, configuration, and commissioning of SmartCabinet.

Location: Lahore

Quantity: 1 Unit

Scope of Supply

The bidder shall supply, install, test, commission, and configure the SmartCabinet complete with all standard accessories, software, licenses, cables, power distribution units (PDUs), cooling system, UPS, environmental monitoring system, and all components required for a fully operational solution.

Technical Specifications of SmartCabinet

Service Requirement		
	- Provision, Installation, Testing and Commissioning of Micro Smart Data Center. - Complete electrical drawings and wiring layouts/maps should be provided in the bid - Provide Project management plan for project implementation, Scope of work - Provide Schematics, SLD's, 2D Layouts.	1 Job
Smart Cabinet (Brand Vertiv / APC or Equivalent)		
	Supply, installation and testing of Smart Cabinet / Micro Data Center: - Minimum rack size: 2000 mm (42U) x 600 mm x 1200 mm - Minimum available space: 29U - In rack UPS: 5KVA or higher (Single Phase 220 V, 230 V, 240 V) - UPS backup time: 5minutes or higher @ 75 % load - Power distribution output: Minimum 12 x C13 (IEC) and 4 x C19 (IEC) - In rack air conditioner type: Split, refrigerant based (heat rejection in outdoor environment) - In rack air conditioner rating: 3KW or higher - Environment sensor: Temperature sensor and water leakage detector (5m long probe) - Access monitoring: Door access sensor - Remote monitoring: Monitoring the following through LAN (web server); Air-conditioner, UPS, temperature, leakage and door access sensors. - Services: Installation, integration and testing of entire cabinet including Air-conditioner, UPS, environment sensors and monitoring system etc. such as configuring, fixing, cabling, and piping related to installation of Air-conditioner's outdoor unit in all respect.	01
	Specification: GENERAL - Single-rack Integrated System complete with rack support, power, cooling and monitoring - Cabinet dimension (Width x Depth x Height, mm) 600 x 1200 x 2000 - Front glass, Rear Glass included - Available height of equipment installation (1U = 44.45mm) 29U - Mounting depth of equipment (mm) 721.5 mm - IT Device Power _ 3kW (Max allowed 3kW) - Voltage (Vac) Single-phase, 198Vac ~ 254Vac - Frequency (Hz) 50/60 - Closed Modes: Integrated with Cold and Hot Aisle containment - RAL7021 Color - System Grade Protection IP5X - Weight < 300kg Distance: 1.0m (excluding outdoor unit of air conditioner and user loads) - Intelligent monitoring: intelligent control functions such as integrated environment monitoring, device monitoring, and alarm linkage and so on provide centralized monitoring platform for computer room management. - Friendly Human Machine Interface (HMI) and unattended operation: large 7" LCD wide screen display serves you to know the device operation / alarm / safety information. Through the	

monitoring card embedded in the cabinet, you can realize all day remote monitoring on the minicomputer room, to satisfy different occasion application.

RACK SYSTEM

Used to store the 19" rack mount hardware equipment which complies with the industry-standard (EIA-310-D) such as server, voice, data, Internet network equipment, UPS and so on. The whole cabinet system is totally enclosed when operating, to keep the system clean without dust, which can save energy and reduce noise. Glass front and glass rear acting as cold and hot aisle containment.

POWER SUPPLY AND DISTRIBUTION

Includes the following components

- PMU (power management unit) which manages power distribution and surge protection to the entire rack system. Centralized management over power supply and distribution of the whole system, Class C lightning protection, one-route input and multiple-route output control function, convenient operation and easy use.
- UPS and battery. Providing high quality and high availability electric energy input for IT devices
- Power Distribution Unit(s) - configured with Switch model PDU, which can turn on/off output ports intelligently and detect input and output electric quantity parameters
- LED auxiliary lighting

Power Management Unit (PMU)

PMU is a system of breakers designed to manage power distribution and surge protection. Input power is delivered at site only to the PMU and all electrical wiring to all components within the integrated rack system is factory-installed.

It includes the following features and connections:

- Main power input
- Maintenance Bypass for UPS
- UPS input, & output
- Cooling unit output
- 1 x 16A for 1 x PDU
- 16 future/spare connection
- DC output

UPS and Battery System

The UPS will be an In-rack long back up model with capacity of 5kVA/4.5kW supporting for 3kW IT load, Standard Power Systems specifications are:

- UPS IGBT rectifier
- UPS On-line double conversion
- UPS Input Power Factor Single-phase >0.99
- UPS Input frequency range 45Hz to 65Hz
- UPS Input voltage range single-phase, 120VAC to 276VAC
- UPS Output Rated Voltage Single-phase, 220/230/240VAC
- UPS Input Rate Voltage 220/230/240VAC, 2-wire + GND
- UPS conforms to IEC/EN62040-1-1; EMC IEC / EN 62040-2, IEC / EN61000-3-11, IEC / EN61000-3-12, YD / T1095-2008; Surge Protection IEC / EN 61000-4-5; Protection Level IP20
- UPS dimensions 85 (2U) x 435 x 625 and weigh 17 kg
- Battery system in-rack: sealed, non-spillage, maintenance-free lead-acid battery

- Battery charging capability - < 3hrs for recharging to 90% capacity (standard mode)
- Battery External cabinet dimensions 85 (2U) x 435 x 640, weight 50 kg per unit
- Standard 1 unit of external battery cabinet mounted in-rack, for 10-minute runtime

COOLING SYSTEM

Includes the following components:

- Air Conditioner - functions to cool the electronic devices inside the cabinet actively. Small-sized environmental control system, using advanced frequency conversion technology, specially designed for the cooling of electronic devices, with high energy efficiency ratio and automatic adjustment, keeping the environment in the cabinet to be stable so that the IT devices can operate safely and reliably
- Emergency Ventilation Fan System

Air Conditioner

- Indoor evaporator and fan built-in within rack system
- Outdoor unit built-in with DC frequency conversion compressor using environment friendly R410a Refrigerant
- Available Cooling Capacity 3.0 kilowatt
- Max 7A operating current

Monitoring

The Web/SNMP intelligent device monitoring card can monitor the system state of intelligent devices, record alarm events, and notify the user of the intelligent device alarms through email or SMS mode. The intelligent monitoring card also enables you to set operating parameters and view device states through the embedded Web HMI, moreover, it can send the states of the monitored intelligent devices to the network management software (NMS) through SNMP protocol mode.

Monitoring Standard Package includes features as follows:

- Alarm Management
- Data Log History
- Device Management

Piping and Fitting

- All piping less than, schedule 40 seamless pipe shall be used.

Discharge nozzles shall be manufactured in corrosion resistant material and shall be positioned in a manner to affect a uniform concentration at the shortest time after discharge

Tender Terms & Conditions

1. Eligibility of Bidder

- The bidder shall be an authorized distributor, reseller, or partner of Smartcabinet.
- A valid Manufacturer's Authorization Letter (MAL) shall be submitted with the bid.
- The bidder shall possess at least three (3) years of experience in supplying and installing similar IT infrastructure solutions.
- The bidder shall not have been blacklisted by any government or public sector organization.

2. Compliance

- The offered SmartCabinet shall fully comply with the technical specifications provided in the tender document.
- Any deviation from the required specifications must be clearly identified in the technical proposal.
- The purchaser reserves the right to reject non-compliant bids.

3. Delivery

- Delivery shall be completed within the period specified in the Purchase Order or Contract.
- All transportation, insurance, loading, unloading, and handling charges shall be included in the quoted price.

4. Installation & Commissioning

- Installation shall be performed by manufacturer-certified engineers.
- The supplier shall complete installation, testing, commissioning, and system integration without additional cost.
- The system shall be handed over only after successful acceptance testing.

5. Warranty

- The complete SmartCabinet system shall carry a minimum warranty of one (1) year.
- During the warranty period, all defective parts shall be replaced free of cost.
- Preventive maintenance visits shall be provided according to the manufacturer's recommendations.

6. Technical Support

- The supplier shall provide technical support during the warranty period.
- Remote and on-site support shall be available whenever required.

7. Training

The supplier shall provide operational and maintenance training to the purchaser's technical staff after commissioning.

8. Documentation

The successful bidder shall provide:

- User Manuals
- Installation Manuals
- Configuration Documents
- Warranty Certificates
- Test Reports
- Factory Documentation
- License Certificates (where applicable)

9. Inspection & Acceptance

The purchaser reserves the right to inspect the equipment before and after installation. Final acceptance shall be based on successful commissioning and satisfactory performance.

10. Payment Terms

- Eighty percent (80%) of the invoice amount shall be paid within 30 days of receipt of a valid invoice.
- An amount equivalent to 20% of the total invoiced amount shall be withheld by ICAP and released in two stages:
 - **Stage 1:** Fifty percent (50%) of the retention amount will be released upon successful installation, testing, and commissioning of the SmartCabinet.
 - **Stage 2:** The remaining fifty percent (50%) will be retained for a period of 12 months post-installation to cover any performance or compliance issues during the warranty period. This amount will be released upon satisfactory completion of the warranty period, provided no outstanding issues are identified.
- In case if the bidder fails to meet any requirement defined in the Purchase Order, the retained amount will be forfeited without assigning any reason.

11. Submission Requirements

- Proposal must be submitted in two separate sealed envelopes or separate password-protected email files: one containing the Technical Proposal and the other containing the Financial Proposal.
- Only financially sealed proposals of technically qualified bidders will be opened.
- Proposal must include complete technical and commercial details. Conditional proposals will not be accepted.
- The sealed bids can be submitted on or before the due date, placed at the following address:

***The Institute of Chartered Accountants of Pakistan
G-31 Block-8 Chartered Accountants Avenue, Clifton Karachi***

- The sealed bids may also be sent through Registered AD Post or Courier Service to the Deputy Manager Procurement at the above-mentioned address. However, bids received after the due date shall not be entertained.

12. Financial Proposal

- The financial proposal must be submitted in a separate sealed envelope along with the sealed envelope for technical proposal.
- Prices shall remain firm during the validity of the contract.
- Prices shall include all applicable taxes, duties, freight, insurance, installation, commissioning, and training costs unless otherwise specified.

13. Bid Validity

The bid shall remain valid for a minimum period of ninety (30) days from the date of bid opening.

14. Liquidated Damages

In case of delay in delivery or completion beyond the agreed schedule, liquidated damages of 10% of order value may be imposed in accordance with the contract conditions unless the delay is due to Force Majeure.

15. Force Majeure

Neither party shall be liable for delays caused by events beyond reasonable control, including natural disasters, war, government restrictions, or similar extraordinary circumstances.

16. Confidentiality

The supplier shall maintain confidentiality of all information, data, and documentation obtained during execution of the contract.

17. Right of Rejection

ICAP reserves the right to accept or reject any or all bids, wholly or partially, without assigning any reason, in accordance with the applicable procurement rules.

18. Manufacturer's Standard Compliance

The supplied SmartCabinet shall be genuine, brand new, unused, and manufactured in accordance with the latest manufacturer specifications. The solution shall support the manufacturer's standard warranty, software updates, and technical support. The SmartCabinet integrates rack infrastructure, UPS, cooling, monitoring, and power distribution into a single enclosure for rapid deployment and centralized management, consistent with the manufacturer's product offering.

