



nCERT



NTISB

CYBER SECURITY FOR DIGITAL PAKISTAN / NCERT

(NATIONAL CYBER EMERGENCY RESPONSE TEAM)

TENDER DOCUMENT

SUPPLY OF SOC/NOC NETWORK INFRASTRUCTURE EQUIPMENT AT NCERT

GOVERNMENT OF PAKISTAN
CYBER SECURITY FOR DIGITAL PAKISTAN/nCERT
(NATIONAL CYBER EMERGENCY RESPONSE TEAM)

INVITATION TO BIDS

1. Cyber Security for Digital Pakistan /nCERT requires **Supply of SOC/NOC Network Infrastructure Equipment at National CERT** under the “**Project Cyber Security for Digital Pakistan/nCERT**” for which electronic bids are invited from the firms/ companies registered with Income Tax, Sales Tax Departments and who are on FBR’s Active Taxpayer’s List (ATL) through e-PADS.
2. The prospective goods/service providers are required to submit their electronic bids including technical and financial proposals along with the Bid Security instrument at the rate of **5% of the bidding amount** in favor of Project Director PKCERT (FTN/NTN: 9012000-7) through e-PADS at <http://eprocure.gov.pk> uploaded on or before **1100 hours on Tuesday, 20th Jan, 2026** in accordance with the provisions of PPRA Rule 36(b) and other terms & conditions as defined in the bidding documents.
3. In case of any technical difficulty in using e-PADS, prospective bidders may contact PPRA team Director MIS Room No. 109, 1st floor, FBC building Sector G-5/2, Islamabad (Contact No. 051-111-137-237).
4. Original Bid security instrument along with hardcopy of Financial and Technical proposals must be submitted before closing hours of the bid submission time otherwise respective bid will not be opened.
5. Bidding documents can be accessed from the website of National Computer Emergency Response Team (<https://pkcert.gov.pk/>) as well as on PPRA website.
6. Bids will be opened on the same day **i.e., 20th Jan, 2026** at **1130 hours** in the presence of representatives of the bidders under Single Stage Two Envelope bidding procedure.
7. As per PPRA Rules 33(1), 2004, National Computer Emergency Response Team (nCERT) has the right to reject any or all bids/ proposals, without assigning any reason at any time prior to the acceptance of a bid/proposal.

Project Director
National Computer Emergency Response Team (NCERT)
L-Block, Pakistan Secretariat, Islamabad
Ph No. 051-9203421-22
Email: bid@pkcert.gov.pk
Website: (<https://pkcert.gov.pk/>)

TERMS OF REFERENCE (TOR) REQUEST FOR PROPOSAL FOR SUPPLY OF SOC/NOC NETWORK INFRASTRUCTURE EQUIPMENT AT NATIONAL CERT

1.	Background
2.	General Terms & Conditions
3.	Implementation & Payment Schedule
4.	Technical Bid Evaluation
5.	Financial Bid Evaluation
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7.	Mailing address/ Contact information
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1. BACKGROUND:

“Cyber Security for Digital Pakistan”, is a PSDP project sponsored by Ministry of Information and Technology (MoITT) and executed by National Telecommunication & Information Technology Security Board (NTISB). The project “Cyber security for Digital Pakistan” is a pre-requisite for the Digital Pakistan initiative addressing current National cyber security gaps and concerns. This project will provide cyber security and digital initiative support to all public/private/defence sector organizations/institutes at national level. “National CERT” is a PSDP Project sponsored by Ministry of Information and Technology (MoIT&T) and executed by National Telecommunication & Information Technology Security Board (NTISB). The Project “Cyber Security for Digital Pakistan” is a prerequisite for the Digital Pakistan initiative addressing current National Cyber Security requirements. This project will provide Cyber Security support to all Public / Private / Defense Sector Organizations/ Institutions on National Scale. In pursuance, Project Director is looking to procure Hardware and Licensed Software for PKCERT HQ’s Office at Block-L Pakistan Secretariat Islamabad.

2. GENERAL TERMS & CONDITIONS:

- i. **Proposal Submission:** The electronic bid including technical and financial proposals must be submitted online on or before **Tuesday 20th Jan, 2026** at **1100** hours through **e-PADS** at <http://eprocure.gov.pk>.
- ii. A bid security, in the shape of a Bank Draft / Pay Order in the name of **Project Director, PKCERT**, at the rate of **5% of the bidding amount** should be submitted along with the Technical and Financial Proposals at the address given below latest by **20th Jan, 2026** at **1100 hrs**. Technical and Financial bids will be opened on the same date at **1130 hrs**:

Project Director
Cyber Security for Digital Pakistan (CSDP/NCERT)
L- Block Pak Secretariat, Islamabad
Ph No. 051-9203421-22, UAN 111-162-378 Ext. 511
Email: bid@pkcert.gov.pk

- iii. **Pre-bid Meeting:** A bidders’ conference/ pre-bid meeting will be held in the premises of NCERT L-Block Pak Secretariat Islamabad, on **Tuesday 13th Jan, 2026** at **1100 hrs**. All queries relating to RFB should be faxed or emailed to the given address at least 3 days before the bidders’ conference/ pre-bid meeting.
- iv. **Scope of Work:** The scope of work includes Supply, Installation and successful testing of the Hardware Equipment & Software mentioned at Annexure-I.
- v. Bidders can bid for all items or for selected items through Single Stage Two Envelope procedure (item wise). The client reserves the right to award contract for all or selected items from Annex-I to successful bidder/bidders. The client reserves the right to purchase/ procure each module separately from different vendor/ OEM and increase or decrease the quantity of items at the time of issuance of supply order. For the purpose, bidders to quote each module/ product (including hardware and software) separately. Baseline configurations are mentioned vide Annex-I, therefore equivalent latest or higher configurations will be preferred on the criteria of least quoted rates versus technology offered.

- vi.** Soon after technical evaluation, the technically qualified firms as per evaluation criteria mentioned at para 4, shall be called for opening of financial bid on given date and time which will be communicated to the firms in writing. Un-opened bid security instruments shall be returned to the technically disqualified firms.
- vii.** Proposal and prices shall remain valid for a period of 90 days from the date of closing for submission of the proposal. However, the responding organizations are encouraged to state a longer period of validity for the proposal.
- viii.** Prices should be quoted in the Pakistani rupees (PKR) and inclusive of all taxes, prices mentioned without any remarks will be treated as inclusive of all applicable taxes.
- ix.** Any proposal received after the due date and time will not be accepted.
- x.** Bidders should be registered with Sales Tax registration Department and should be in possession of valid NTN number. Copies of the certificates must be attached with the technical bid.
- xi.** The successful bidders shall be responsible for payment of any duties / taxes etc. that are imposed by the Government of Pakistan during the period of delivery and till commissioning.
- xii.** The bidders are hereby informed that the Government shall deduct tax at the rate prescribed under the tax laws of Pakistan, from all payments for Hardware/Software by any bidder who signs a contract with the Government.
- xiii.** The successful Firm shall be required to deposit in the form of a Bank Guarantee, a Performance Bond from the date of successful testing and acceptance, a sum equivalent to ten percent (10%) of the contract value. This Bank Guarantee shall be issued by a scheduled bank operating in Pakistan and shall be kept valid from the date of issue, until one (1) year after all contractual obligations have been fulfilled.
- xiv.** Bidders should have been in the IT business, Sales and After Sales Support/Maintenance provisioning for at least (03) three years.
- xv.** Hardware equipment should have minimum one (01) year warranty (unless stated otherwise in Annex-I), including parts and maintenance after the delivery of hardware with next Business Day Part Replacement and on-site support. Supplier to share list of OEM warehouses for spare-parts and accessories within the country where applicable (nCERT reserves the right to keep faulty Hardware/Equipment under parts replacement warranty claim). Software licenses should be quoted for a minimum period of two (02) years, with perpetual subscription option.
- xvi.** The bidders should be authorized Partner / Reseller / Manufacturer, of THE ORIGINAL MANUFACTURER, in Pakistan.
- xvii.** All equipment should be supplied through verifiable and legitimate distribution/Sales channels.
- xviii.** The Bidders to provide Company information as per para 4 for Technical Evaluation.
- xix.** Bidders should not submit any kind of refurbished / Used / End of Life Hardware equipment's / components in their technical proposals.
- xx.** Bidders should clearly indicate the timeline for delivery of equipment after receiving the award of contract.
- xxi.** The end user licenses, end user warranties and end user contracting support services registrations and subscriptions will be in the name of Client, for all the equipment and Software loaded on the equipment delivered during the course of this procurement. All items/solutions must be pre-configured with all applicable licenses, subscriptions and dependencies with no compatibility conflicts / missing dependencies.

xxii. Envelope for financial proposals should be clearly marked: “Financial Proposal”.

xxiii. Main Envelope should contain “Technical Proposal” & “Financial Proposal” (each being physically separated, bound, sealed and labeled), all the supporting documents as per evaluation criteria mentioned at para 4 & 2 (vi) and a separate clearly marked sealed envelope of bid security instrument.

3. IMPLEMENTATION & PAYMENT SCHEDULE:

Sr. No.	Milestones	Time Period	Payment
1.	Supply of equipment / Software. Installation and Configuration	Four-to-Eight weeks from date of signing of contract	40%
2.	Successful testing and acceptance	Four (04) weeks from installation and configuration of Hardware and Software	60% Subject to provision of 10% Performance Guarantee
3.	End of performance Guarantee	Performance Guarantee will have to be provided to cover the warranty period of the hardware which will be One year from the date of successful testing and acceptance.	Release of Performance Guarantee

4. TECHNICAL BID EVALUATION (70%):

There will be a two-stage technical evaluation. **Preliminary evaluation** (Initial Screening) of technical bids will be done on the basis of the following criteria:

- i.** Bidders must be a Pakistani Company OR a branch office of a Multinational Corporation having local presence.
- ii.** Bidders or partners / affiliates should be in IT business for at least three years.
- iii.** Bidders or partners /affiliates should have successfully completed three similar projects in size, nature & value.
- iv.** All equipment should have one year's comprehensive onsite warranty including parts and labor. Equipment having more than one (01) year warranty shall be given preference.
- v.** Bidders or partners /affiliates should be a Company / firm having operational office at Islamabad / Rawalpindi.
- vi.** Registration with Income Tax, Sales Tax Departments and who are on FBR’s Active Taxpayer’s List (ATL).
- vii.** The following documents/evidence should be attached in support of the Technical Proposal Evaluation as per the above criteria:
 - a.** Copies of NTN Registration with Income Tax, Sales Tax Departments and who are on FBR’s Active Taxpayer’s List (ATL).
 - b.** Relevant Experience Certificates
 - c.** Authorized Partner/OEM Certificates, where applicable.
 - d.** Detailed Quoted Product Specifications w.r.t Required Specifications.

Detailed technical evaluation (100 Marks) will be done for firms who qualify the preliminary evaluation mentioned above. The bidders need to score at least 70% marks in technical evaluation to technically qualify for financial bid opening.

In detailed technical evaluation the Evaluation & Award Committee will verify the compliance with specifications mentioned in Annexure-I. Any bid containing less specifications will be rejected.

$$\text{Technical Evaluation Score (70\%)} = \frac{\text{Marks Obtained}}{100} \times 70$$

5. FINANCIAL BID EVALUATION (30%):

Financial bids of the technically qualified firms will be opened before the representatives who wish to attend the tender opening. Financial bids will be opened only for those vendors who qualify (meet the specifications) in technical and detailed technical evaluation.

$$\text{Financial Evaluation Score (30\%)} = \frac{\text{Amount quoted by the lowest bidder}}{\text{Amount quoted by the bidder whose financial score is to be calculated}} \times 30$$

$$\text{Total Evaluation Score (100\%)} = \text{Technical Evaluation Marks (70\%)} + \text{Financial Evaluation Marks (30\%)}$$

The bidders need to score at least 70% marks in technical evaluation to technically qualify for financial bid opening. The bidder scoring maximum marks in final evaluation will be awarded the contract.

6. AWARD OF CONTRACT:

Bidder who technically qualify and having lowest financial bid will be awarded with the contract. After acceptance of Technical and Financial bid, an Award Letter shall be issued, in duplicate, to the successful bidder, and the selected Firm, within 15 days of receipt of Award Letter, sign and return the duplicate copy of the Award Letter in acknowledgement thereof. In the event the duplicate copy of the Award Letter duly signed by the Firm is not received by the stipulated date, the Authority may, unless it consents to extension of time for submission thereof, cancel the Award Letter issued to it.

7. MAILING ADDRESS/ CONTACT INFORMATION:

The following address details can be used for any correspondence, queries clarification and communication purposes via email and/or telephone calls:

Address	National Cyber Emergency Response Team (NCERT) HQ's, L- Block, Pakistan Secretariat, Islamabad
Telephone	051-9203421-22, UAN 111-162-378 Ext. 511
Email	bid@pkcert.gov.pk adnet@pkcert.gov.pk
Website	www.pkcert.gov.pk

Details of Items Required:

Annexure-I

Ser	Items Required	Technical Specifications	Qty	Unit Price with GST	GST	Total Price with GST
1	Network Items	PoE Switch	Rack mounted Fully Managed Layer 3 POE switch, forwarding performance must be 98MPPS or higher 24×10/100/1000 Mbps, RJ-45 ports, Minimum 132Gbps Switching Capacity, 370-W power budget, 4×10GbE uplink/stackable SFP+ ports, DRAM IGB , NVRAM (FLASH) 2GB, SDN open flow 1.3 supported, Should support Port-based VLAN, Should support Static MAC address assignment for interface, Link Aggregation, CLI, GUI, SSH v2 Management, ACL, DHCP Snooping, Loop protection, Root protection, RADIUS, Mac address filtering SNMP (v1/v2/v3), Mounting Bracket, Must Include 3-Year Warranty:- 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades, manufactured under license and serial number should be back tracked and validated from the manufacturer along with operation and maintenance services	04		
		SFP – RJ45	Copper 1.25G – Should be compatible with Ruijie, Ruckus, Sangfor, Lenovo, HP, H3C and Cisco devices	20		
		Patch-Panel	Rack mounted, 24 ports (RJ45) loaded/ with keystones	05		
2	Core Switch	Rack mounted, Manageable Layer 3 switch, 24 x 10 Gbps sfp+ ports along with 24 x sfps (10 G), forwarding performance must be 98MPPS or higher, Minimum 132Gbps Switching Capacity, SDN open flow 1.3 supported, Should support Port-based VLAN, Should support Static MAC address assignment for interface, Link Aggregation, CLI, GUI, SSH v2 Management, ACL, DHCP Snooping, Loop protection, Root protection, RADIUS, Mac address filtering SNMP (v1/v2/v3), Mounting Bracket, Must Include 3-Year Warranty:- 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades, manufactured under license and serial number should be back tracked and validated	01			

		from the manufacturer along with operation and maintenance services				
3	Virtualization Platform	<p>Virtualization Platform with standard license VMware vSphere or equivalent, for 480 cores of compute with at least two-year support. Support both Virtual Machine and containers. Should be a Type-1 hypervisor supporting centralized management, live migration of running VMs without downtime, automated resource balancing and failover, and native distributed storage with policy-based management. It must provide role-based access control, integration with directory services, and full automation via REST APIs and SDKs.</p> <p>Platform should support Fault Tolerance (provides continuous availability with zero downtime and zero data loss for a virtual machine in the event of a host failure).</p>	01			
4	Network Management System	<p>System should be able to detect all devices, interfaces, and links with real-time topology visualization, Compatibility with major manufacturers (Lenovo, Sangfor, Ruijie, Ruckus, H3C, HP, Huawei, etc.) using SNMP, NetFlow, APIs, and telemetry, Support continuous monitoring of bandwidth, latency, CPU/memory usage, link status, and device health with threshold-based alerts, alert correlation, customizable thresholds, and notifications via email, SMS etc., Automated anomaly detection and predictive analytics for proactive issue prevention, Able to monitor (NetFlow, sFlow, IPFIX) for visibility of application and user traffic patterns, support large-scale deployments with redundancy and load balancing, RBAC (Role Based Access) support, RESTful APIs, syslog, and integration with SIEM, SOAR or any other orchestration platform, Dashboard customization and trends analytics, Integration with NAC and detection of policy violation.</p>	01			
5	Centralized Wireless Solution	<p>Complete solution with APs and controller. Solution should be comprised of APs and separate controller, support 50+ APs. Each AP should support 100+ clients, should support uni-directional and omni directional antennas, also support custom configuration for antennas direction, WiFi protocols: IEEE 802.11 a/b/g/n/ac/ax/be, Wireless data-rate: up to 5Gbps, PoE supported, Product must be certified: standard bodies, Captive portal support, Centralize authentication support.</p>	01			

		Perpetual License for all the features with 3 x years of support and warranty.				
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