



CYBER SECURITY FOR DIGITAL PAKISTAN / NCERT

(NATIONAL CYBER EMERGENCY RESPONSE TEAM)

**PROCUREMENT OF
SECURITY SCREENING SOFTWARE AND HARDWARE**

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

INVITATION TO BIDS

1. Cyber Security for Digital Pakistan /nCERT invites bids for “**Procurement of Security Screening Software and Hardware**” 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 service providers are required to submit their electronic bids including technical and financial proposals along with the Bid Security instrument amounting to Rupees 0.5 Million/- (Rupees 0.5 Million Only) submitted 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 14th April, 2025** 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 **MUST** be submitted to the undersigned 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., 14th April, 2025** at **1130 hours** in the presence of representatives of the bidders.
7. As per PPRA Rules 33(1), 2004, National Computer Emergency Response Team (nCERT) has the right to reject any or all bids/ proposals 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
PROCUREMENT OF SECURITY SCREENING SOFTWARE AND HARDWARE**

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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 prerequisite 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 Security Screening Software and Hardware 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 **14th April, 2025** 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**, amounting to Rs. 0.5 million PKR should be submitted along with the Technical and Financial Proposals at the address given below latest by **14th April, 2025** at **1100 hours**. Technical 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
Email: bid@pkcert.gov.pk

- iii. Scope of Work:** The scope of work includes Supply, Installation and successful testing of the Software and Hardware mentioned at Annex-B.
- iv.** The bidders having presence in Pakistan independently or through joint venture/ consortium / authorized agent/ dealer having valid NTN & GST Registration being on Active Tax Payer List of FBR are invited.
- v.** Bidders can bid for all items or for selected items through Single Stage Two Envelope procedure. The client reserves the right to award contract for all or selected items from Annex-B 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 separately (Any item having multiple functionalities must be quoted separately for each function) for items mentioned vide Annex-B.

- vi.** Soon after technical evaluation, the technical 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 instrument 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 provide an Insurance guarantee 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. Bidding firms to provide undertaking for not being blacklisted to participate in tenders.
- xv.** Hardware equipment should have minimum one (01) year warranty (unless stated otherwise in Annex-B), 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 two at least (02) years with perpetual subscription option.
- xvi.** The bidders should be authorized Partner / Distributor of THE ORIGINAL EQUIPMENT MANUFACTURER, in Pakistan.

- xvii. All equipment should be supplied through verifiable and legitimate distribution/Sales channels with verified supply chain track.
- 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	Six-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 Performance Insurance guarantee

4. TECHNICAL BID EVALUATION:

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:

Bidder's Capabilities

Sr. #	Attributes	
1.	Firms/ companies should be registered with Income Tax, Sales Tax Departments and are on FBR's Active Taxpayer's List (ATL)	Mandatory
2.	TSP / Institution / Firm should have a good / sound financial standing to meet the contract obligations. (Bank / Financial Statement, duly audited, for the last three (3) years to be provided).	Mandatory
3.	TSP / Institution / Firm should certify that the Firm has never been black listed by any of the public sector department / agency.	Mandatory
4.	TSP / Institution / Firm should hold applicable NTN / FTN, Professional Tax and GST registrations.	Mandatory
5.	Valid Incorporation certificate from Securities and Exchange Commission of Pakistan (SECP) Valid NTN and STN Certificates	Mandatory

Technical evaluation will be done for firms who qualify the preliminary evaluation mentioned above. In detailed technical evaluation, the Evaluation & Award Committee will perform the evaluation based on specifications mentioned in Annexure-C and will be given a score out of Total 70 for each item separately.

FINANCIAL BID EVALUATION:

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 only who qualify (meet the specifications) in technical and detailed technical evaluation.

1. Final Evaluation Criteria:

- a. Technical bids shall be opened and evaluated by technical evaluation committee in view of criteria given in Table here above in Para-4.
- b. Those bids which will satisfy the mandatory requirements given in Para-4 will undergo technical evaluation.
- c. Proposals obtaining at least 70% marks in technical evaluation shall be eligible for the participation in financial bid opening.
- d. Technical Evaluation Report shall be announced as per the Rule 35 of PPRA rules 2004. Technically qualified or successful bidder(s) shall be notified in advance and invited for opening of the Financial Proposal(s). The Financial

Proposals will be opened at the time and venue indicated by the Client (i.e. PKCERT) in the presence of the Bidders or their authorized representatives if they choose to attend.

- e. Financial bids shall be opened and evaluated by procurement committee of PKCERT.
- f. The bidder should quote its rates clearly against each item including all applicable taxes and transportation charges, duties etc in **the Financial Proposal**) in both figures and words.

Financial Score=

$$30 \times \frac{\text{Amount quoted by the lowest bidder}}{\text{Amount quoted by the bidder whose financial score is to be calculated}}$$

- g. **Total Score of each Bidder for each item (out of 100) = Technical Score (out of 70) + Financial Score (out of 30)**
- h. Financial Proposal evaluation will be conducted under the Rules in vogue. The Price evaluation will include all duties, taxes and expenses etc.
- i. Work will be awarded to the bidder after technical and financial bids evaluation, item-wise. The bidder obtaining highest marks combining both Technical and Financial proposals will be awarded the contract.
- j. If two or more bidders obtain equal aggregated marks, then the contract will be awarded to the one having lowest financial bid.
- k. In case of refusal by successful bidder to sign contract, the client may award the contract to second financially lowest bidder in accordance with PPRA letter dated 15-02-2021 having caption “General Clarification Regarding Award of Contract to Second Most Advantageous Bidder”.

5. AWARD OF CONTRACT:

Bidder 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
Email	bid@pkcert.gov.pk
Website	www.pkcert.gov.pk

CONTRACT AGREEMENT
FOR
PROCUREMENT OF SECURITY SCREENING SOFTWARE AND HARDWARE
BETWEEN

National Computer Emergency Response Team of Pakistan (nCERT)
(PURCHASER)

AND

(SUPPLIER)

Version 1.0

Date: ___ March, 2025

WARNING/NDA

Any information about the sale/ purchase of the products/ supplies under this contract shall not be communicated to any third person/ party, press or agency, not authorized by the End User to receive it except the authorized persons and entities who need to know, for the processing of export license, contract insurance and Banks involved in the payment mechanisms (where necessary)

This Contract is made on _____ by and between:

M/s: _____ (SUPPLIER)

AND

National Computer Emergency Response Team of Pakistan (nCERT) (PURCHASER)

Collectively referred to as “PARTIES” and individually “PARTY” to enter into a Contract for the purpose of the Subcontracting for the Execution of the joint project.

PARTIES:

1. **NATIONAL COMPUTER EMERGENCY RESPONSE TEAM (nCERT)**
L-Block, Pakistan Secretariat, Islamabad (Hereinafter referred to as the “Purchaser”)
Represented by: **Dr. Haider Abbas, Project Director**
2. **[BIDDER’S NAME]** (Hereinafter referred to as the “Supplier”)
Registered Address: [Insert Address]
NTN: [Insert NTN]
Represented by: [Authorized Representative’s Name and Designation]

WHEREBY it is agreed that the “Supplier” shall supply the software and Hardware Equipment and The **PURCHASER** shall buy the same as described in subsequent articles of this contract and the prices mentioned therein subject to terms and conditions which shall form part of the contract. The terms and conditions as stipulated hereto shall constitute the entire agreement between the two parties.

PROJECT: Cyber Security for Digital Pakistan/nCERT

BUSINESS CONTRACT NUMBER: _____

RECITALS:

- The Client published RFP vide **PID No.** _____ and uploaded on PPRA e-Pads against **Tender No.** _____ on _____, inviting bids for the _____ under the Project “Cyber Security for Digital Pakistan/nCERT”.
- The Vendor submitted a compliant bid and was declared the successful bidder following technical and financial evaluations against the following items:

Sr. No.	Item	Quantity	Amount incl. GST (PKR)

- This Contract incorporates the terms of the Tender Document, dated 06th November 2024, and the Vendor’s proposal.

TERMS & CONDITIONS OF CONTRACT

1. Definitions

In this Contract, the following terms shall have the following meanings:

- 1.1. **“Contract”** means the agreement entered into between the Purchaser and Supplier as recorded in the Contract Form signed by the Parties, including all Annexure, Schedules and Attachments thereto and all documents incorporated by reference therein including these Conditions of Contract.
- 1.2. **“Commencement Date of the Contract”** means the date of signing of the Contract between the Purchaser and the Supplier.
- 1.3. **“Contract Price”** means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- 1.4. **“Supplier”** means M/s _____. Whose bid has been accepted by the Purchaser and the legal successors, and assigns and all persons claiming title through under or in trust for it.
- 1.5. **“Contract Value”** means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract which is properly apportionable to the Goods, Services or Works in question.
- 1.6. **“Good(s) or Item(s)”** means all of the equipment, hardware, software, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract.
- 1.7. **“Purchaser”** means National Computer Emergency Response Team (nCERT), Block-L, Pakistan Secretariat, Islamabad, Pakistan.
- 1.8. **“Services”** means services ancillary to the supply of the Goods or Items, such as insurance, and any other incidental services, such as testing, commissioning and training and other such obligations of the Supplier covered under the Contract.
- 1.9. **“Purchase Order”** means a legal document form used by Purchaser and sent to the Supplier for an order of items/equipment with specifications.
- 1.10. **“Taking-Over Certificate/Commissioning Certificate”** means the certificate to be given by the Purchaser to the Supplier in accordance with Clause 12 hereunder.
- 1.11. **“Warranty and Defects Liability Expiry Certificate”** means the certificates to be issued by the Purchaser to the Supplier in accordance with Clause 16.11 hereunder.
- 1.12. **“Works”** means all works ancillary to the Good(s) or Item(s) and Services, including but not limited to the installation of equipment, integration, testing and commissioning of all the contracted elements to be accomplished by the Supplier under the Contract.
- 1.13. **“Annex-B”** means the list of items, quantities, and technical specifications attached hereto.
- 1.14. **“Annex-B”** means Bill of Quantities.
- 1.15. **“PPRA Rules”**: Public Procurement Regulatory Authority Rules, 2004.
- 1.16. **“OEM”** means the Original Equipment Manufacturer.

1.17. **“Performance Insurance Guarantee”** means bank guarantee equivalent to 10% of the contract value or financial protection provided by an insurance company.

2. Headings and Titles

The headings and titles in these Conditions of Contract shall not be deemed part thereof or be taken into consideration in the interpretation or construction of the Contract.

2.1. Interpretation

Words importing persons or parties shall include firms and corporations and any organization having legal capacity. Words importing the singular only also include the plural and vice versa where the context requires.

2.2. Periods

In these Conditions “day” means calendar day and week means seven (7) calendar days.

2.3. Notices, Consents and Approvals

Wherever in the Contract provision is made for the giving of notice, consent or approval by any person, such consent or approval shall not be unreasonably withheld. Unless otherwise specified, such notice, consent or approval shall be in writing as per Clause 32 herein below and the word “notify” shall be construed accordingly.

2.4. Application

These Conditions of Contract shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

2.5. Standards

The Goods/Items/Equipment/Software supplied under this Contract shall conform to the authoritative latest standards appropriate to the Goods/Items/Equipment/Software.

3. Confidentiality

3.1. The Supplier shall not, without prior written consent of the Purchaser, disclose the Contract, or any provision thereof, or any specification, drawings, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so as may be necessary for purposes of such performance.

3.2. The Supplier shall not, without the other Purchaser’s prior written consent, make use of any document for information specified in Clause 4 hereof except for purposes of performing the Contract.

3.3. The Supplier will not disclose the name of the Purchaser to the manufacturer at any stage without permission of project authorities of Purchaser. In case of failure of this particular clause, Purchaser may impose penalty with certain percentage of the total contract price.

4. IP Rights

The Supplier shall indemnify and hold the Purchaser harmless against all third-party claims of infringement of patent, trademark, copyright, industrial design rights or other intellectual property rights arising from use of the Goods/Services/Works or any part thereof.

5. Performance Insurance Guarantee

5.1. Supplier shall deliver the equipment, hardware, software, machinery within the 4-8 weeks after issuance of the Purchase Order (PO), and a performance insurance guarantee must be submitted within 15x days of signing the contract by the supplier or as per the demand of purchaser.

Inspection and Tests

- 5.2. The Purchaser or its representatives shall have the right to inspect the Works and Services being carried out under this Contract and to test the Goods/Items to confirm whether they meet the specifications under Clause 20 herein below (“Specifications”) and as per the applicable Purchase Order. These Conditions of Contract or the Specifications or both shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing of the identity of any representatives/inspectors retained for these purposes.
- 5.3. The inspections and tests may be conducted on the premises of the Supplier, at point of delivery or at the final destination of the Goods/ Items, Services or Works i.e., at the address given under Clause 9 hereunder. Where conducted on the premises of the Supplier, all reasonable facilities and assistance, including access to drawings and production date, shall be furnished to the inspectors of the Purchaser at no charge to the Purchaser.
- 5.4. Should any inspected or tested Goods/ Items fail to conform to the Specifications, the Purchaser may reject them, and the Supplier shall either replace the rejected Goods/ Items or make all alterations necessary to meet the requirements of the Specifications free of cost to the Purchaser.
- 5.5. The Purchaser’s right to inspect, test and, where necessary, reject the Goods/ Items after the Goods/ Items’ arrival at the site of installation shall in no way be limited or waived by reason of the Goods/ Items having previously been inspected, tested and passed by the Purchaser or its representatives prior to delivery of the Goods/ Items. If the goods/items failed during/after inspection/testing/operations the Supplier shall provide replacement.
- 5.6. Nothing in the Clause 6 herein above shall in any way release the Supplier from any warranty or other obligations under the Contract.

6. Packing

- 6.1. The Supplier shall provide such packing of the Goods/Items as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
- 6.2. The packaging should have verified serial number, barcode and other details of OEM.

7. Shipping Documents

Following documents duly endorsed in favor of the Purchaser will be submitted by the Supplier immediately after dispatch of the equipment to end user: -

- 7.1. Documents as follows: -

7.1.1.Original Invoice

7.1.2. Packing List

7.2. One set each of documents comprising of following will be forwarded to nCERT: -

7.2.1. Copy of Invoice

7.2.2.Packing List

7.2.3. Quality Certification by the Supplier

7.2.4.Warranty/Guarantee Certificate

8. Delivery/Supply of Goods/Items/Services/Works and Documents

Address and contact details for delivery of Goods, Services and Works shall be as under:

Address: National Computer Emergency Response Team (nCERT) HQ's, Ground Floor, Block-L, Pakistan Secretariat, Islamabad.

Email: bid@pkcert.gov.pk

Phone: 051-9203421-22

9. Contract Execution and Delivery/Installation and Commissioning Schedule

9.1. Delivery of equipment, installation and commissioning shall be completed after issuance of Purchase Order/contract. The Supplier is hereby obligated to effectuate the delivery of equipment in strict conformity with the specifications delineated in the Scope of Work. This delivery shall be accomplished within a stipulated timeframe of 4-8 weeks, calculated from the date of issuance of PO. The fulfillment of this delivery timeline is deemed a material condition and integral aspect of the contractual obligations delineated herein.

9.2. The Supplier shall obtain all the relevant documentation, authorizations and exemption certificates and will be responsible to deliver all Goods/Items to the Purchaser at the address given under Clause 8 above.

9.3. Within three days of signing the Contract, the Supplier shall submit to the Purchaser the detailed Schedule for supply/training, installation, testing and commissioning of the Goods/Items as required under the Contract.

9.4. The Goods/Items shall remain at the risk and under the physical custody of the Supplier until the delivery and inspection at site however, Supplier shall remain responsible till the time installation, testing, training and commissioning of the Goods/Items as per the Schedule mentioned under Clause 5 above.

9.5. The Supplier shall ensure that the Goods/Items shall be delivered complete to enable the installation, testing, training and commissioning to proceed without interruption. The Supplier agrees that time is of the essence under the Contract and if it shall appear to the Purchaser that the Goods/Items have been or are likely to be delayed by reason of incomplete delivery or for any other reason, he may require the Supplier at the expense of the Supplier to dispatch the missing items of the Goods/Items or suitable replacements thereof to the site of delivery by the fastest available means including air freight.

10. Documentation

Upon execution of the Contract and before the Purchaser assumes responsibility of the Goods/Items and takes over the same, the Supplier shall furnish all wiring diagrams, systems diagrams, schematics, operation manuals, service manuals and other required information/testing reports pertaining to the performance of the Goods/Items and integrated systems that is commissioned under this Contract and stock information.

11. Taking-Over Certificate/Commissioning Certificate

- 11.1. The Goods/Items shall be deemed to be taken over/ commissioned by the Purchaser when the Goods/Items have been delivered, installed, tested and commissioned to the Purchaser's satisfaction.
- 11.2. The Supplier shall apply by notice to the Purchaser for a Taking-Over Certificate/Commissioning Certificate. The Goods/Items shall be delivered, installed, tested and commissioned at the place of delivery of Goods/Items, at the address given under Clause 8 above.
- 11.3. The Purchaser shall within Seven (07) days after receipt of Supplier's application either:
 - 11.3.1. Issue the Taking-Over Certificate/Commissioning Certificate to the Supplier stating the date on which the Goods/Items or any portion thereof were successfully tested and ready for taking over, or
 - 11.3.2. Reject the application giving reasons and specifying the further work required to be done by the Supplier to enable the Taking-Over Certificate/ Commissioning Certificate to be issued.

12. Transportation

Transport of the Goods/Items to the place of destination as specified in the Contract shall be arranged and paid for by the Supplier and the cost thereof is included in the Contract Price.

13. Incidental Services

The Supplier shall provide the incidental services like Power Up, installation, configuration, integration, testing and full-scale operational testing of the supplied Goods/Items/services as per requirement of Purchaser.

14. Spare Parts and Fault Rectification Time

- 14.1. The Supplier warrants to the Purchaser that the spares supplied by the Supplier are standard and exact equipment as per the Contract, and that they incorporate all recent improvement in design and materials. The Supplier further warrants that all spares supplied under this Contract shall have no defect arising from design, materials, installation & configuration or from any act or omission by the Supplier. The products will be replaced if any problem occurred during the warranty period without any additional cost. The Supplier will provide the testing tools and other required equipment for operation, maintenance and troubleshooting of work done by the Supplier as required by Purchaser.

- 14.2. **Fault Rectification Time**

The Supplier warrants replacement of faulty part(s) at no additional cost within 15 days timeframe.

15. Warranty and Defects Liability Expiry Certificate

- 15.1. The Supplier warrants to the Purchaser that the Goods/Items supplied by the Supplier under the Contract are new, unused, of the most recent or current model, and those they incorporate all recent improvements in design and materials. The Supplier further warrants that all Goods/Items supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission by the Supplier that may develop under normal use of the supplied Goods/Items.
- 15.2. This period is hereinafter referred to as the “**Warranty Period**”.
- 15.3. **Hardware equipment:** should have minimum **one (01) year** warranty (unless stated otherwise in Annex-B of the RFP). The Vendor warrants that all hardware is new, unused, and compliant with Annex-B.
- 15.4. **OEM Support:** All equipment should be supplied through verifiable and legitimate Supply chains including parts and maintenance after the delivery of hardware with next Business Day Part Replacement and on-site support (Purchaser reserves the right to keep faulty Hardware/Equipment under parts replacement warranty claim).
- 15.5. **Software Licenses:** Valid for **two (02) years** with perpetual subscription options where applicable. The end user licenses, warranties and end user contracting support services registrations and subscriptions will be in the name of the Purchaser or Officials nominated for the purpose. Supplier to ensure that all items/solutions must be pre-configured with all applicable licenses, subscriptions and dependencies with no compatibility conflicts or missing dependencies.
- 15.6. The Purchaser shall promptly notify the Supplier in writing of any claim arising under this warranty.
- 15.7. Upon receipt of such notice, the Supplier shall, within the Warranty Period mentioned at Clauses 15.3 & 15.5 above, replace the defective Goods/Items or parts thereof in Islamabad (Pakistan), without any cost to the Purchaser as described in Clause 14.
- 15.8. If the Supplier, having been notified, fails to remedy the defect(s) in accordance with the Contract, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier’s risk and cost. The Supplier’s warranty pursuant to this clause is without prejudice to any other rights or remedies which the Purchaser may have against the Supplier under the Contract.
- 15.9. **Ownership of Replaced Components**
Any defective component which has been replaced by the Supplier shall become the property of the Supplier except the hard disks or any type of Memory components, after completing all necessary procedures on part of Purchaser.
- 15.10. Any items/goods supplied shall be at the risk of Supplier before Taking-Over Certificate/Commissioning Certificate even any equipment found malfunctioned/non-

responsive/dead during installation, integration, power-up, testing, commissioning or during handing over.

15.11. **Warranty Expiry Certificate**

When the Warranty Period for whole of the Goods/Items has expired, and the Supplier has fulfilled all his obligations under the Contract for defects in the Goods/Items and has imparted training to the Purchaser's personnel, the Purchaser shall issue within four (4) weeks to the Supplier a Warranty Expiry Certificate to that effect, on request of the Supplier.

15.12. The Supplier will ensure submission of the warranty of the principal within the contract time period.

15.13. All these warranties would be at the door step of purchaser.

15.14. Original Equipment Manufacturer's Certificate. Original equipment manufacturer's certificates should be provided along with the equipment, that the equipment being supplied is not ex-production older than 24 x months on date of Supply.

15.15. The Supplier will provide support account with OEM for all items.

15.16. The principal warranty would be required on letter head of OEM along with their OEM details such as telephone/ fax numbers/ email address/ postal address etc.

The Supplier warrants that the solution covers all the requirements of purchaser and will provide complete product required for smooth operations with no additional Cost on part of purchaser.

16. Data Protection and Privacy:

16.1. Supplier shall adhere to strict data protection and privacy regulations to safeguard sensitive information shared during the procurement process.

16.2. Any data collected or processed during procurement activities shall be handled in accordance with applicable data protection laws and organizational policies.

17. Pricing and Payments

17.1. The product and services under this contract shall be provided at the cost of **PKR** _____/-. (**Financial Offer attached as Annex-II**) as per payment schedule.

17.2. **Method of Payment.** The Supplier shall submit to the Purchaser invoices, bill along with inspection certificate/report/note and other documentary evidence as the Purchaser may require. The invoice shall state the amount claimed inclusive of all applicable taxes and shall set forth in detail the basis for the claim as per the order given under the Price Schedule.

17.3. This agreement may be amended or modified only by mutual written agreement of both parties. Any proposed amendments or modifications shall be presented in writing and signed by authorized representative of both parties. Such amendment or modification shall become effective upon the date of specified written agreement, provided that no amendment or modification shall alter the fundamental nature of this agreement without the express consent of both parties.

17.4. **Payment Terms**

17.4.1. Invoices will be cleared upon receiving the invoice along with necessary documentations.

17.4.2. All payments shall be made through cross cheque in the Pak Rupees.

17.4.3. Taxes will be deducted at source as per government rules at the time of payment.

17.5. Adjustment in Contract Price

17.5.1. The contractual valuation, herein referred to as the "Price," is fixed and not susceptible to modification. The Supplier is obligated to obtain explicit written approval for such alterations from the Purchaser, affirming the Project Director's acknowledgment and acceptance of the proposed changes.

17.5.2. The rates and quantum of work not explicitly encompassed within the initially agreed-upon Scope of Work through negotiation. Any amendment shall be subjected to diligent negation and mutual agreement between the contracting parties. Such negotiations process will involve a comprehensive understanding and consensus on the rate applicable to the additional or modified work, ensuring clarity and fairness in the adjustment of contractual terms.

17.5.3. Right to Re-Order

The Buyer reserves the right to place additional orders for the same goods and/or services under the same terms and conditions as specified in this Agreement. Such re-orders may be placed within one (1) year from the date of the initial purchase order

17.5.4. Price and Terms

The price, payment terms, and delivery conditions for any re-order shall remain the same as those agreed upon in this Agreement unless otherwise mutually agreed in writing by both parties.

17.5.5. Vendor's Obligation

The Vendor agrees to fulfill any re-orders placed by the Buyer within the stipulated period, provided that the goods and/or services are available. In case of unavailability, the Vendor shall inform the Buyer in writing at the earliest possible time.

17.5.6.

18. Letter of Guarantee

If the stores are accepted, a Letter of Guarantee will be submitted by the SUPPLIER, stating that all the parts and components are new/ original and as per contracted specifications and contain no refurbished or repaired parts/ components. The SUPPLIER will also render a certificate that the equipment being provided is latest of the series.

19. Scope of the Contract

The deed includes provision of hardware & software items as per Bill of Quantity (BoQ) attached at **Annex-II** and **enclosed RFP**.

20. Payment schedules

20.1. Total contract value is **PKR** _____/- and balance payment will be released as under: -

Ser	Payment	Amount PKR	in	Percentage	Tentative Timeliness
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I.	First (Four-to-Eight weeks from date of signing of contract)		40%	May 2025
II.	Second (Four (04) weeks from installation and configuration of Hardware and Software)		60%	June 2025

20.2. All prices for procurement, installation, integration, configuration, interfacing, testing and commissioning of the project. Performance Insurance Guarantee would be retained till completion of the warranty period and would be submitted within 15x days of signing the contract by the supplier or as per the demand of purchaser.

20.3. In case of any price revision during the order execution the price difference will be paid by the purchaser. However, supplier will ensure that no price revision is transferred to the purchaser without information and mutual consent with sufficient time afforded to purchaser for making such arrangements that avoid price revision.

20.4. Supplier reserves the right to terminate the agreement as per clauses and conditions mentioned above.

21. Subcontracts

21.1. The Supplier shall not sub-contract all or any part of the Contract without first obtaining the Purchaser’s approval in writing of the sub-contracting and the sub-Supplier. If Suppliers fails to do so, penalty will be imposed as desired by the Purchaser.

21.2. The Supplier guarantees that any and all sub-contractors for performance of any part of the Works or Services under the Contract will comply fully with the terms of the Contract.

21.3. The Supplier shall not hire any sub-contractor firm/ person without prior approval of Purchaser especially those who performed with Purchaser and whose work was found below quality/ standard or fraudulent.

22. Extensions in the Supplier’s Performance

22.1. Delivery of the Goods/Items and performance of the Services or Works shall be made by the Supplier in accordance with the Contract execution Schedule, pursuant to Clause 20.1 above.

22.2. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods/Items and performance of the Services or Works, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier’s notice in this regard, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier’s time for performance.

23. Liquidated Damages

If the Supplier fails to deliver any or all of the Goods/Items or perform the Services and Works within the time period specified in the Contract, the Purchaser shall without prejudice to any other remedy it may have under the Contract including invoking the Performance

insurance Guarantee issued by the Supplier in its favor, deduct from the Contract Price as liquidated damages, a sum of money @ 1% of the Contract Price of the delayed Goods/Items or Services or Works per week or part thereof. However, the liquidated damages shall not exceed ten percent (10%) in the aggregate of the total Contract Price.

24. Termination for Default

24.1. The Purchaser may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the defaulting party, terminate the Contract in whole or in part and subsequently may take any action:

24.1.1. If the Supplier fails to deliver, install, test, commission and impart training of any or all of the Goods/Items or satisfactorily perform the Services or Works within the time period(s) specified in the Contract, or any The Purchaser may at any time, by written notice to the Supplier, instruct the Supplier to alter/amend, omit, add or otherwise change any part of the Goods, Services and Works not more than 15% of the total Contract Price.

24.1.2. If the Supplier fails to perform any other obligation(s) under the Contract; and If the Supplier in either of the above circumstances, does not cure its failure within a period of two (2) weeks (or such longer period as the Purchaser may authorize in writing) after receipt of a notice of default from the Purchaser specifying the nature of the default(s).

24.1.3. The Client may terminate this Contract if the Vendor:

- Fails to meet delivery timelines by **30 days**.
- Supplies non-compliant goods.
- The Vendor may terminate for non-payment exceeding **45 days**.

24.2. In the event the Contract is terminated in whole or in part, pursuant to Clause 24.1 above, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods/Items or Services or Works similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods/Items or Services or Works. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. Force Majeure

25.1. Notwithstanding any provisions of the Contract, the Supplier shall not be liable for liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2. For purposes of this clause, “Force Majeure” means wars or revolutions, fires, floods, epidemics and quarantine restrictions that make performance by the Supplier under the Contract beyond its control.

25.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as

is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. Termination for Bankruptcy/Insolvency

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

27. Termination for Convenience

27.1. The Purchaser may, by written notice sent to the Supplier, terminate the Contract, in whole or in part, at any time at the Purchaser's convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which delivery of the Goods/Items or performance of Services or Works under the Contract is terminated, and the date upon which such termination becomes effective.

27.2. The Goods/Items which are complete and ready for shipment within two (02) weeks after the Supplier's receipt of notice of termination, shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods the Purchaser may elect:

- (a) To have any portion thereof completed and delivered at the Contract terms and prices and/or
- (b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods/Items and / or Services or Works together with a reasonable allowance for overhead & profit.

28. Resolution of Disputes

28.1. The Purchaser and the Supplier shall make every effort in good faith to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2. Project Director (Cyber Security for Digital Pakistan/nCERT) will be the sole authority for the resolution of any disputes that may not be resolved by both parties amicably. Decision of Project Director (Cyber Security for Digital Pakistan/nCERT) shall be binding on both parties.

29. Arbitration: -

29.1. The parties shall attempt to settle all disputes arising under this contract through friendly discussion and in good faith. In the event that either party shall perceive such friendly discussion to be making insufficient progress at any time then such party may give notice to the other party to remove the disputes to final and binding arbitration as provided below.

29.2. All matters of dispute or difference regarding rejection of stores by the Inspection Team of end user or cancellation of the Contract by the Purchaser, arising out of this

Agreement between the parties thereto, the settlement of which in not otherwise specially provided for in this Agreement, shall be referred for arbitration as under: -

29.2.1. The dispute shall be referred for adjudication to nCERT. The arbitration proceedings shall be held under Pakistan Law.

29.2.2. The arbitration award will be firm and final.

29.2.3. In the course of arbitration, the contract shall be continuously executed except the part which is under arbitration.

29.2.4. All proceedings under this clause shall be conducted in English language and in writing.

29.2.5. Decision of the arbitrator will be treated as final for both parties and would not be challenged in any court

29.3. The amount and cost of any such arbitration and by whom they shall be paid will be determined as part of the arbitration.

29.4. Arbitration under this clause shall be held at a place mutually agreed upon between the PURCHASER and SUPPLIER.

30. Contract Language

30.1. The Contract shall be in the English language, and all documentation related hereto will also be in the English language. The Supplier hereby represents that it has sufficient knowledge of the English language to fully understand the Contract.

30.2. The Supplier shall bear all costs of translation to English and all risks of the accuracy of such translation.

31. Applicable Law

31.1. The Contract shall be governed by and interpreted in accordance with the laws of Pakistan.

31.2. The Supplier shall diligently procure and uphold, throughout the course of this contract, all licenses, permits, authorizations, and certifications mandated by the laws of Pakistan and applicable to the Supplier.

31.3. Purchaser reserves the right to scrutinize the aforementioned licenses, permits, authorizations, and certificates. Upon such request, the Supplier shall promptly facilitate the inspection and shall expeditiously comply with any subsequent requirements as necessitated by the Purchaser.

32. Notices

32.1. Notices to Supplier

All certificates, notices, instructions or orders to be given to the Supplier by the Purchaser under the terms of the Contract, shall be served by sending the same by registered post, overnight courier, email, facsimile transmission to or leaving the same at the Supplier's office in Islamabad as given below or by handing over to the Supplier's representative: **M/S**

32.2. Notices to Purchaser

Any notice to be given to the Purchaser under the terms of the Contract shall be served by sending the same by registered post, overnight courier, or leaving the same at the following office:

Address: National Computer Emergency Response Team HQ's, Ground Floor, Block-L, Pakistan Secretariat, Islamabad

Phone No. 051-9203421-22

Email: bid@pkcert.gov.pk

33. Taxes and Duties

Taxes such as VAT recoverable from the payments shall be made and in case of any increase or decrease in the existing taxes/charges/levy/SRO or imposition of any new taxes/charges/levy/SRO on or after signing of this Contract shall be to the cost and benefit of the Purchaser.

34. Ownership of Goods/Items

Goods/Items to be supplied pursuant to the Contract shall become the property of Purchaser when the Goods/Items are Taken Over by the Purchaser.

35. Waiver

Any Party may waive any term, condition, or requirement under this Contract or the annexure attached hereto which are intended for its own benefit, and any waiver of any term or condition of this Contract or the annexure, schedules etc. hereto shall not operate as a waiver of any other breach of such term or condition, nor shall any failure to enforce any provision hereof or of the annexure, schedules etc. hereto operate as a waiver of such provision or of any other provision hereof or the annexure, schedules etc. hereto.

36. Security Evaluation/Certification.

The Supplier agrees to present the supplied equipment for security strength evaluation by **NTISB** and shall provide all necessary documentation / equipment / facilities, if required, for the purpose.

37. Amendments / Modifications

This agreement may be amended or modified only by mutual written agreement of both parties. Any proposed amendments or modification shall be presented in writing and signed by authorized representative of both parties. Such amendment or modifications shall become effective upon the date of specified written agreement, provided that no amendment or

modification shall alter the fundamental nature of this agreement without the express consent of both parties.

38. Commissioning

Commissioning will be carried out by the Supplier's /Principles qualified engineers at the End User premises in Islamabad / Rawalpindi only.

39. Delivery / Inspection.

On receipt of hardware / software, the same will be inspected.

40. Undertaking

M/s _____ guarantee the full and proper performance of this contract and hereby undertake to accept all liabilities to compensate the "Purchaser" for Acts / Defaults of our Principals and undertake that manufacturing date of purchased products / stores will be of latest production not older than 24 x months.

41. Scope of Work (SOW):

The parties to this contract, having mutually agreed upon the terms and conditions set forth herein, hereby the covenant and promise to provide the equipment delineated below, both in its original form and in a new state, accompanied by all requisite and auxiliary equipment deemed necessary for its optimal operations. This commitment encompasses the delivery of the specified equipment in compliance with industry standards and specifications, ensuring the seamless and effective functionality of the provided assets. The Vendor shall supply, install, configure, and test the **Hardware and Licensed Software** as per **Annex-I**, adhering strictly to:

- Technical specifications,
- Warranty terms: Minimum **1-year comprehensive warranty** for hardware and **2-year licenses** for software.
- Delivery timeline: **04 – 08 weeks** from contract signing.
- Installation, successful testing and acceptance of the Hardware & Licensed Software mentioned at Annexure-I within **04 weeks** after delivery.

ANNEXURES

- **Annex-I:** Items, Specifications, and Quantities.
- **Annex-II:** Financial Offer/Bill of Quantities

SIGNATURES:

For NCERT

Project Director

Cyber Security for Digital Pakistan/nCERT

Signature: _____

Date: _____

For M/s _____

[Authorized Representative's Name]: _____

[Designation]: _____

Signature: _____

Date: _____

WITNESSES:

1. Name: _____

Signature: _____

2. Name: _____

Signature: _____

BILL OF MATERIALS

Annexure-B

S.No.	Items Required	Technical Specifications	Qty	Unit Price without GST	GST	Total Price with GST
General Software						
1.	Video Calling Software	Online Conference/communications platform for users to connect with video, audio, phone, and chat.	05 Users			
Cybersecurity Products						
Screening Lab Software						
2.	Static Application Security Testing (SAST)	Specification in Annex C	02 users			
3.	Software Composition Analysis (SCA) for Code	Specification in Annex C	02 users			
4.	Software Composition Analysis (SCA) for binaries	Specification in Annex C	02 users			
5.	Dynamic Application Security Testing (DAST)	Specification in Annex C	02 users			
6.	Interactive Application Security Testing (IAST)	Specification in Annex C	02 users			
7.	Mobile Application Security Testing (MAST)	Specification in Annex C	02 users			
8.	Fuzz Testing	Specification in Annex C	02 users			
9.	Network Traffic Capture/ Analysis	Specification in Annex C	01			

Compliance Sheet**Note (Applicable on all)**

1. One-year license will be applicable
2. Technical document for Help on deployment will be provided by the OEM/vendor. However, deployment service will not be required.
3. On-premise deployment of the tool is required.
4. Large software codebases should be handled by the tools..
5. Technical training of the tool by the partner on premises will be acceptable; any expert joining online will be an add-on.

Sr. No.		Score
2.	Static Application Security Testing (SAST)	
a.	Bidder's experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the "quoted" solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Multi-Language support C/C++, Java, C#, JavaScript, Python, and other languages for defects and vulnerabilities, Identifies critical issues (e.g., memory leaks, buffer overflows, race conditions). Direct integration with Visual Studio, Eclipse, and IntelliJ.	10
d.	Ensures code meets industry and regulatory standards coding standards, security standards (like CERT (C/C++, Java), CWE Top 25, OWASP Top 10, ISO/IEC 27001, NIST SP 800-53, PCI DSS), Quality standards (like ISO/IEC 5055) etc.	10
e.	Rich dashboard and comprehensive reporting, Provides clear, actionable fix recommendations.	10
f.	Uses heuristics and machine learning to minimize noise and prioritize real issues. Supports inter-procedural and control/data flow analysis.	5
g.	Availability of local Support and on premises training.	10
	Total	70

3.	Software Composition Analysis (SCA) for Code	
a.	Bidder's experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the "quoted" solution, including its features, constraints, and limitations. Licensing terms and	15

	conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	
c.	Scans code, containers to identify Open Source Software (OSS) components and dependencies using signature matching and metadata analysis. Detects open source licenses (e.g., MIT, GPL, Apache) and flags legal/compliance risks.	10
d.	Cross-references components with databases (NVD, CVE) to detect vulnerabilities and assess risks, Uses CVSS to prioritize vulnerabilities and provides remediation guidance. provide severity ratings and fix suggestions	5
e.	Dashboards: Visualizes component inventory, license status, risks, and policy violations. Reports: Generates SBOM, license compliance, and vulnerability reports with detailed data. Automatically produce Software Bill of Materials (SPDX, CycloneDX, etc, Suggest alternative versions or patches for vulnerable components Audit Trail: Logs component approvals, policy changes, and scans for compliance and traceability.	10
f.	Support of major languages and package managers	10
g.	Availability of local Support and on premises training.	10
	Total	70

3.	Software Composition Analysis (SCA) for binaries	
a.	Bidder's experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the "quoted" solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Detect open source components in compiled binaries (e.g., .dll, .so, .a, .jar, etc.) using signatures, hashes etc. Capability to identify stripped or obfuscated binaries using heuristics and fuzzy matching.	10
d.	Build SBOM from binary scans in standard formats like SPDX	5
e.	Identify embedded or associated licenses in the binary or its metadata, Analyze contents of containers (Docker), firmware, or archive formats, Extract embedded versioning/build info to aid in component identification. Extracts and analyzes metadata, such as embedded manifests, version info, and build signatures. Supports analysis of archives (e.g., .zip, .tar.gz) and containers (e.g., Docker images).	5
f.	Matches detected binary components against known CVE	5

	vulnerabilities, Provides details like CVSS score , fix availability, and component metadata	
g.	Capability to Scan in air-gapped environments where binaries are analyzed without internet access	10
h.	Availability of local Support and on premises training.	10
		70

4.	Dynamic Application Security Testing (DAST)	
a.	Bidder’s experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the “quoted” solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Crawls and tests single-page apps (SPAs), REST APIs, and legacy web apps including dynamic content (e.g., JavaScript-driven). Scans applications from the outside-in without requiring access to source code	10
d.	Pre-built templates for PCI DSS, GDPR, HIPAA, and ISO 27001 for compliance reporting	10
e.	Identifies OWASP Top 10 vulnerabilities, including SSRF, XXE, and insecure deserialization, Tests logged-in areas with support for multi-factor authentication (MFA) and complex workflows, Identifies issues such as SQL injection, XSS, CSRF, command injection, open redirects , etc.	5
f.	False positive management , so that users can verify, suppress, or triage findings to improve accuracy and workflow.	5
g.	Comprehensive, customizable, and actionable reporting mechanism that supports both technical remediation and executive oversight.	5
h.	Availability of local Support and on premises training.	10
i.		70

5.	Interactive Application Security Testing (IAST)	
a.	Bidder’s experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the “quoted” solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Monitors code execution during real traffic (e.g., testing, QA, or	10

	staging) to detect real exploitable issues. Traces untrusted input through the application to see if it reaches sensitive operations (e.g., SQL queries, file writes).	
d.	Detects vulnerabilities both during passive observation and by injecting controlled inputs. Deep Code Insight – Identifies vulnerable files, lines, and function flows. High Accuracy, Low False Positives – Confirms exploitability via actual execution, not theoretical analysis.	10
e.	Works with microservices, SPAs, REST/GraphQL APIs, cloud-native architectures.	5
f.	Shows request/response, stack traces, data path, and exploit evidence to help developers reproduce and fix quickly.	5
g.	Supports Java, .NET, Python, Ruby, Node.js, and more through instrumentation.	5
h.	On-premises deployment	5
i.	Availability of local Support and on premises training.	5
		70

6.	Mobile Application Security Testing (MAST)	
a.	Bidder’s experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the “quoted” solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Emulate iOS/Android devices at the kernel level for accurate runtime analysis. Support for both static (SAST) and dynamic (DAST) analysis. Ability to test native, hybrid, and web mobile applications	10
d.	Generate detailed security assessment reports, highlighting vulnerabilities, evidence, and remediation steps. Automated reports aligned with standards like OWASP Mobile Application Security Testing Guide (MASTG), CWE, and CVE. Detailed findings with impact analysis and remediation guidance to support compliance efforts	5
e.	On-Premise deployment and allows tailored security checks to meet specific organizational needs.	10
f.	Process tracing for dynamic analysis. One-click jailbreak/root access for comprehensive testing scenarios. Network traffic interception and SSL/TLS stripping capabilities.	5
g.	Options for on-premises deployment to maintain data control. Robust access controls and user management features.	5
h.	Availability of local Support and on premises training.	10
	Total	70

7.	Fuzz Testing	
a.	Bidder's experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the "quoted" solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Automated Input Generation (Random) Automatically generates inputs to test and find hidden bugs without requiring access to source code, making it suitable for testing third-party applications and systems	10
d.	Enables fuzz testing across a variety of common network protocol like HTTPs, FTP. TCP etc. supports custom and proprietary protocols through its 'Auto Learning' feature.	5
e.	Tests APIs by sending randomized or malformed requests to detect vulnerabilities. (REST, SOAP, GraphQL)	5
f.	Identifies application crashes and logs details for debugging and analysis. Detects critical memory-related vulnerabilities in applications Memory Leak, Buffer Overflow, Use-After-Free Detection	5
g.	Allows long-running fuzzing campaigns for deeper vulnerability discovery.	5
h.	Comprehensive logs and reports that provide insights into discovered vulnerabilities, including steps to reproduce and suggested fixes.	5
i.	Availability of local Support and on premises training.	10
	Total	70

9.	Network Traffic Capture/Analysis	
a.	Bidder's experience, deployments in Pakistan or foreign	10
b.	Presentation to be given by a representative of bidder. Vendor to present a comprehensive overview of the "quoted" solution, including its features, constraints, and limitations. Licensing terms and conditions be thoroughly explained. Additional features quoted by the vendor will enhance the solution's value for extra marking opportunities.	15
c.	Traffic Capture Capabilities, Ensure both directions of traffic are captured (TX & RX). Passive devices that mirror traffic for monitoring tools. Available for copper, fiber, and multi-gigabit networks. Does not have impact on live traffic, ensuring zero packet loss.	10

	(Give options for 1G/10G/100G separately)	
d.	Combines TAP and analysis capabilities. Offers packet storage, remote access, and metadata extraction.	10
e.	High-speed, rack-mounted network packet brokers (NPBs) and aggregation appliances. Provide advanced filtering, de-duplication, load balancing, and traffic distribution to monitoring tools.	5
f.	Ability to write raw packet data for offline analysis. Live view and filter capability via popular tools like integration with Wireshark	10
g.	Availability of local Support and on premises training.	10
	Total	70