PUNJAB INFORMATION TECHNOLOGY BOARD

(PITB)

Corrigendum:
"Tenders - QAED I & II"
Advertisement published in Daily Jang and The News
Dated: 30 September, 2021
bearing IPL No. 10037

1. This Corrigendum is published to notify the following change**:**

a. Extension in Bid Submission Date

The submission date against said tender has been **extended from 14 October, 2021 to 20 October, 2021**. Bids against the said tender must be submitted, not later than **1200 hours** on last date of submission i.e., 20 October, 2021. The technical bids shall be publicly opened at **1230 hours** on 20 October, 2021.

2. The amended tender document is available at www.pitb.gov.pk and www.ppra.punjab.gov.pk.

3. Other terms and conditions given in tender advertisement shall remain the same.

Director (Development & Procurement)
Punjab Information Technology Board
13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road Lahore.

Ph: (042) 35880062, Fax (042) 99232123 Web: www.pitb.gov.pk

PUNJAB INFORMATION TECHNOLOGY BOARD

(PITB)

INVITATION TO BID

1. Punjab Information Technology Board (PITB), Government of the Punjab, invites bids for:

Tender No. 01 (QAED – I): Procurement of Hardware & IT Equipment for Quaid-e-Azam Academy for Educational Development (QAED), Lahore:

Lot No.	Description	Estimated Cost	Bid Security (2%)
1	Laptop	15,885,000	317,700
2	Desktop	19,380,000	387,600
3	Printer	2,665,000	53,300
4	Scanner	2,250,000	45,000
5	Photocopier	2,000,000	40,000
6	Display and Sound Solutions	12,750,000	255,000
7	SMD Display & Sound Solution for Auditorium	15,000,000	300,000
8	Floor Standing Digital Signage	3,900,000	78,000
9	Multi Location Attendance System	500,000	10,000
10	UPS	2,320,000	46,400

Tender No. 02 (QAED – II): Procurement of Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment for Quaid-e-Azam Academy for Educational Development (QAED), Lahore:

Lot No.	Description	Estimated Cost	Bid Security (2%)
1	Campus Network Infrastructure and Surveillance Solution	42,000,000	840,000
2	Wireless Solution	8,500,000	170,000
3	Upgradation of NOC	12,800,000	256,000
4	Misc. Hardware	1,000,000	20,000
5	LEDs	4,200,000	84,000
6	Air Conditioners	2,000,000	40,000

2. The procurement shall be completed in accordance with the Punjab Procurement Rules 2014, on Single Stage - Two Envelope Bidding Procedure.

3. The tender document is available in the office of the undersigned & the same may be obtained subject to the payment of cost of printing and provision of the document which is Rs. 1000/-. Tender Document is also available at www.pitb.gov.pk and www.ppra.punjab.gov.pk and may be downloaded free of cost.

4. A single package containing Technical and Financial separate Bids, duly completed, signed, stamped, sealed and in complete conformity with Tender Document should be dropped, in the Tender Box, placed at Reception of the PITB office, 13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, not later than **1200 hours** on last date of submission of bids i.e., **14 October, 2021** and bids shall be opened at **1230 hours** on the same date, as per PPRA Rules, 2014.

5. Bids which are incomplete, not sealed, not signed and stamped, late or submitted by other than specified mode will not be considered.

6. Income/Sales tax registration certificate and other documents as mentioned in Tender Document must accompany the bids.

Note: PITB management may reject all bids or proposals at any time prior to the acceptance of a bid or proposal, as provided under Rule-35 of Punjab Procurement Rules, 2014.

Director (Development & Procurement)
Punjab Information Technology Board
13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road Lahore.

Ph: (042) 35880062, Fax (042) 99232123 Web: www.pitb.gov.pk

Tender Document
Tender No. 205102021-1

PROCUREMENT OF NETWORK INFRASTRUCTURE, SURVEILLANCE SOLUTION, MISCELLANEOUS HARDWARE & EQUIPMENT FOR QUAID-E-AZAM ACADEMY FOR EDUCATIONAL DEVELOPMENT (QAED), LAHORE.
(QAED – II)

Punjab Information Technology Board (PITB)
13th Floor, Arfa Software Technology Park (ASTP),
346-B, Ferozepur Road, Lahore, Pakistan
Phone: (+ 92) (42) (35880062), Fax: (+92) (42) (99232123)
URL: www.pitb.gov.pk

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IMPORTANT NOTE:

Bidders must ensure that they submit all the required documents indicated in the Bidding Documents without fail. Bids received without, undertakings, valid documentary evidence, supporting documents and the manner for the various requirements mentioned in the Bidding Documents or test certificates are liable to be rejected at the initial stage itself. The data sheets, valid documentary evidences for the critical components as detailed hereinafter should be submitted by the Bidder for scrutiny.

APPLICABILITY OF PUNJAB PROCUREMENT RULES, 2014

This Bidding Process will be governed under Punjab Procurement Rules, 2014, as amended from time to time and instructions of the Government of the Punjab received during the completion of the project.

1. INVITATION TO BID

1.1 PPRA Rules to be followed

Punjab Procurement Rules, 2014 will be strictly followed. These may be obtained from PPRA's website. In this document, unless otherwise mentioned to the contrary, "Rule" means a Rule under the Punjab Procurement Rules, 2014.

1.2 Mode of Advertisement(s)

As per Rule 12(2), this Tender is being placed online at websites of the Purchaser and PPRA, as well as being advertised in print media.

The tender document is available in the office of Punjab Information Technology Board, 13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore & the same may be obtained subject to the payment of cost of printing and provision of the document which is Rs. 1,000/-. Tender Document is also available at www.pitb.gov.pk and www.ppra.punjab.gov.pk and may be downloaded free of cost.

All prospective bidders are required to collect a Challan Form from the Procurement Assistant, PITB at above given address; to submit an amount of Rs. 1,000/- in PITB's account. The deposit slip / Challan Form must accompany respective bid.

1.3 Type of Open Competitive Bidding

As per Rule 38(2)(a), Single Stage - Two Envelope Bidding Procedure shall be followed. The said procedure is reproduced as follows:

(i) The bid shall be a single package consisting of two separate envelopes, containing separately the financial and the technical proposals;
(ii) The envelopes shall be marked as "Financial Proposal" and "Technical Proposal";
(iii) In the first instance, the "Technical Proposal" shall be opened and the envelope marked as "Financial Proposal" shall be retained unopened in the custody of the procuring agency;
(iv) The procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements;
(v) During the technical evaluation no amendments in the technical proposal shall be permitted;
(vi) After the evaluation and approval of the technical proposals, the procuring agency shall open the financial proposals of the technically accepted bids, publically at a time, date and venue announced and communicated to the bidders in advance, within the bid validity period;
(vii) The financial proposal of the bids found technically non-responsive shall be retained unopened and shall be returned on the expiry of the grievance period or the decision of the complaint, if any, filed by the non-responsive bidder, whichever is later; provided that the procuring agency may return the sealed financial proposal earlier if the disqualified or non-responsive bidder, contractor or consultant submits an affidavit, through an authorized representative, to the effect that he is satisfied with the proceedings of the procuring agency; and
(viii) The lowest evaluated bidder shall be awarded the contract.

2. BIDDING DETAILS (INSTRUCTIONS TO BIDDERS)

All bids must be accompanied by Bid Security (Earnest Money), as part of financial bid and as per provisions of the clause "Bid Security" of this document in favor of **"Punjab Information Technology Board"**. The complete bids as per required under this tender document, must be delivered into the Tender Box, placed at reception of Punjab Information Technology Board, Lahore, not later than **1200 hours** on last date of submission of bids i.e., **20 October, 2021,** late bids shall not be considered. The Technical bids shall be publicly opened in the Committee Room of Punjab Information Technology Board, 13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, at **1230 hours** on **20 October, 2021**. In case the last date of bid submission falls in / within the official holidays / weekends of the Purchaser, the last date for submission of the bids shall be the next working day.

Queries of the Bidders (if any) for seeking clarifications regarding the specifications of the Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment must be received in writing to the Purchaser till **11 October, 2021.** Any query received after said date may not be entertained. All queries shall be responded to within due time. PITB will host a pre-bid meeting at **1100 hours** on **12 October, 2021,** at PITB premises (13th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore).

The bidder shall submit bids which comply with the Bidding Document. **Alternative bids and options shall not be considered**. The attention of bidders is drawn to the provisions of this tender document Clause regarding **"Determination of Responsiveness of Bid" and "Rejection / Acceptance of the Tender"** for making their bids substantially responsive to the requirements of the Bidding Document.

It will be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bid and no claim whatsoever including those of financial adjustments to the contract awarded under this Bid Process will be entertained by the Purchaser. Neither any time schedule, nor financial adjustments arising thereof shall be permitted on account of failure by the Bidder.

It must be clearly understood that the Terms and Conditions and Specifications are intended to be strictly enforced. No escalation of cost except arising from increase in quantity by the Bidder on the demand and approval of the Purchaser will be permitted throughout the period of completion of the contract.

The Bidder should be fully and completely responsible for all the deliveries and deliverables to the Purchaser.

The Primary Contact & Secondary Contact for all correspondence in relation to this bid is as follows:

PRIMARY CONTACT

Farhan Ahmad
Joint Director - Infrastructure
Email: farhan@pitb.gov.pk
11th Floor, Arfa Software Technology Park, 346-B,
Main Ferozepur Road, Lahore, Pakistan.

Raza Awan
System Analyst
Email: raza.awan@gmail.com
Quaid-i-Azam Academy For Educational Development
(QAED). Wahdat Colony, Wahdat Road, Lahore.

SECONDARY CONTACT

M. Jahanzaib Khan
Assistant Director (Development & Procurement)
Email: jahanzaib.khan@pitb.gov.pk
13th Floor, Arfa Software Technology Park, 346-B,
Ferozepur Road, Lahore, Pakistan.

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact, all queries should be communicated via the Primary Contact and in writing (e-mail) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

Bidders are also required to state, in their proposals, the name, title, contact number (landline, mobile), fax number and e-mail address of the bidder's authorized representative through whom all communications shall be directed until the process has been completed or terminated.

The Purchaser will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

Failure to supply required items/services within the specified time period will invoke penalty as specified in this document.

TERMS AND CONDITIONS OF THE TENDER

3. Definitions

In this document, unless there is anything repugnant in the subject or context:

3.1 "Authorized Representative" means any representative appointed, from time to time, by the Client, the Purchaser or the Contractor.

3.2 “Availability and Reliability” means the probability that a component shall be operationally ready to perform its function when called upon at any point in time.

3.3 "Client" means the Project lead of technical wing of the Purchaser for whose’ particular project the Goods / Services have been procured or any other person, duly appointed in writing, by the Client, for the time being or from time to time, to act as Client for the purposes of the Contract.

3.4 “Bidder” means the interested Firm/Company/Supplier/Distributors that may provide or provides the Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment etc. and related services to any of the public/private sector organization under the contract and have registered for the relevant business thereof.

3.5 "Commencement Date of the Contract" means the date of signing of the Contract between the Purchaser and the Contractor.

3.6 "Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.

3.7 "Contractor / Vendor" means the Bidder whose bid has been accepted and awarded Letter of Intent for a specific item followed by the signing of Contract.

3.8 "Contract Price" means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.

3.9 "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 apportion-able to the Goods or Services in question.

3.10 "Day" means calendar day.

3.11 "Force majeure shall mean any event, act or other circumstances not being an event, act or circumstances under the control of the purchaser or of the contractor. Non-availability of materials/supplies or of import license or of export permit shall not constitute Force majeure.

3.12 "Goods" means Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment which the Contractor is required to supply to the Purchaser under the Contract against each relevant Lot.

3.13 "Person" includes individual, association of persons, firm, company, corporation, institution and organization, etc., having legal capacity.

3.14 "Prescribed" means prescribed in the Tender Document.

3.15 "Purchaser" means the Punjab Information Technology Board (PITB) or any other person for the time being or from time to time duly appointed in writing by the Purchaser to act as Purchaser for the purposes of the Contract.

3.16 "Origin" shall be considered to be the place where the Goods are produced or from where the Services are provided. Goods are produced when, through manufacturing, processing or assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components. The origin of Goods and Services is distinct from the nationality of the Contractor.

3.17 "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.

3.18 “Taking-Over Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.

3.19 "Works" means work to be done by the Contractor under the Contract.

3.20 “Eligible” is defined as any country or region that is allowed to do business in Pakistan by the law of

4. Headings and Titles

In this document, headings and titles shall not be construed to be part thereof or be taken into consideration in the interpretation of the document and words importing the singular only shall also include the plural and vice versa where the context so requires.

5. Notice

5.1 In this document, unless otherwise specified, wherever provision is made for exchanging notice, certificate, order, consent, approval or instructions amongst the Contractor, the Purchaser and the Client, the same shall be:

5.1.1 in writing;

5.1.2 issued within reasonable time;

5.1.3 served by sending the same by courier or registered post to their principal office in Pakistan or such other address as they shall notify for the purpose; and

5.1.4 The words "notify", "certify", "order", “consent”, “approve”, "instruct", shall be construed accordingly.

6. Tender Scope

6.1 Punjab Information Technology Board (PITB), (hereinafter referred to as “the Purchaser”) invites / requests Proposals (hereinafter referred to as “the Tenders”) for the Procurement of Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment etc. “(Here in after referred to as “the Goods”) including installation, configuration, deployment, commissioning, testing, after-sale support, warranties of said Goods (hereinafter referred to as “the Services”) for Quaid-e-Azam Academy for Educational Development (QAED), Lahore.

6.2 The Hardware/IT Equipment will be delivered and deployed at Quaid-e-Azam Academy for Educational Development (QAED), Lahore, **OR** as specified by the Purchaser at the time of award. Detail requirements and specifications are attached at Annexure-A.

7. Tender Eligibility/Qualification Criteria

7.1 Eligible Bidder is a Bidder who:

7.1.1 Has a registered / incorporated company / firm in Pakistan with relevant business experience of **last two (02) years for Lot No. 01, 02, 03 and 04; and last one (01) year for all the remaining Lots.**

7.1.2 Has valid Registration of General Sales Tax (GST) & National Tax Number (NTN);

7.1.3 Authorization Certificate / document from the principal / manufacturer for the following;

- **Lot No. 01 (**Cameras, NVR**)**
- **Lot No. 02 (**Access Points, WLC**)**
- **Lot No. 03 (**Rack, Server, Firewall, Storage**)**
- **Lot No. 04 (**Laptops**)**

7.1.4 Authorization Certificate / document from the principal / manufacturer/Authorized dealer (in case of dealer, authorization document from principal to dealer and certificate from dealer to the bidder is required) for the following;

- **Lot No. 01 (**Switches, Passive**)**

7.1.5 Has submitted bid for complete Lot(s) and relevant bid security against each Lot separately; Non-compliance of the same shall cause rejection of the bid;

7.1.6 Has not been blacklisted by any of Provincial or Federal Government Department, anywhere in Pakistan (Submission of undertaking), for each Lot; Blacklisting status of bidders, as publicized on PPRA’s website, on the day of Bid Opening, will be considered final for the determination of eligibility;

7.1.7 Conforms to the clause of “Responsiveness of Bid” given herein this tender document.

7.1.8 Goods and Services can only be supplied / sourced / routed from “origin” in “eligible” member countries.

a. Eligible” is defined as any country or region that is allowed to do business in Pakistan by the law of

Government of Pakistan.

b. "Origin" shall be considered to be the place where the Goods are produced or from which the Services are provided. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

Note: Verifiable documentary proof for all above requirements is a mandatory requirement, noncompliance will lead to disqualification.

8. Tender Cost

The Bidder shall bear all costs / expenses associated with the preparation and submission of the Tender(s) and the Purchaser shall in no case be responsible / liable for those costs / expenses.

9. Joint Venture / Consortium

Joint ventures / Consortiums are not eligible for this tender.

10. Examination of the Tender Document

The Bidder is expected to examine the Tender Document, including all instructions and terms and conditions.

11. Clarification of the Tender Document

The Bidder may require further information or clarification of the Tender Document, within **five (05)** calendar days of issuance of tender in writing. The clarification and its replies will be shared with all prospective bidders.

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact given herein this document, all queries should be communicated via the Primary Contact and in writing (e.g., e-mail & letter) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

12. Amendment of the Tender Document

12.1 The Purchaser may, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).

12.2 The Purchaser shall notify the amendment(s) in writing to the prospective Bidders as per Rule-25(4) of Punjab Procurement Rules, 2014.

12.3 The Purchaser may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender as per Rule-29 of Punjab Procurement Rules, 2014.

13. Preparation / Submission of Tender

13.1 The Bidder is allowed to bid for any or all lots separately.

13.2 The Tender and all documents relating to the Tender, exchanged between the Bidder and the Purchaser, shall be in English. Any printed literature furnished by the Bidder in another language shall be accompanied by an English translation which shall govern for purposes of interpretation of the Tender.

13.3 The Tender shall be filed in / accompanied by the prescribed Forms, Annexes, Schedules, Documents, Brochures, Literature, etc. which shall be typed, completely filled in, stamped and signed by the Bidder or his Authorized Representative. In case of copies, signed and stamped photocopies may be submitted. If volume of the bid contains various set(s) of documents the same must be properly numbered and tagged in binding shape

13.4 The Tender shall be in two parts i.e., the technical proposal and the financial proposal. Each proposal shall be in two sets i.e., the original and the copy. In the event of any discrepancy between the original and the duplicate, the original shall govern.

13.5 Technical Proposal shall comprise the following, **without quoting the price**:

13.5.1 Technical Proposal Form (**Annexure-B**)

13.5.2 Undertaking (All terms & conditions and qualifications listed anywhere in this tender document have been satisfactorily vetted) and Affidavit (Integrity Pact) (**Annexure-G&H**)

13.5.3 Covering letter duly signed and stamped by authorized representative. (**Annexure-E**)

13.5.4 Authorization Certificate / document from the principal / manufacturer for the following;

- **Lot No. 01 (**Cameras, NVR**)**
- **Lot No. 02 (**Access Points, WLC**)**
- **Lot No. 03 (**Rack, Server, Firewall, Storage**)**
- **Lot No. 04 (**Laptops**)**

13.5.5 Authorization Certificate / document from the principal / manufacturer/Authorized dealer (in case of dealer, authorization document from principal to dealer and certificate from dealer to the bidder is required) for the following;

13.5.6 **Lot No. 01 (**Switches, Passive**)**

13.5.7 Evidence of eligibility of the Bidder and the Goods / Services.

13.5.8 Evidence of conformity of the Goods / the Services to the Tender Document

13.5.9 Undertaking and Evidence that the quoted Goods are genuine, brand new, non- refurbished, un-altered in any way, of the most recent / current model, imported through proper channel, and incorporate all recent improvements in design and materials

13.5.10 Technical Brochures / Literature

13.5.11 Details of Warranty and After-Sale Service

13.5.12 Submission of undertaking that the firm is not blacklisted by any of Provincial or Federal Government Department, anywhere in Pakistan.

13.5.13 Valid Registration Certificate for Income Tax & Sales Tax

13.5.14 Power of Attorney, if an authorized representative is appointed (**Annexure-F**)

13.6 The Financial Proposal shall comprise the following:

13.6.1 Financial Proposal Form **(Annexure-C)**

13.6.2 Price Schedule (**Annexure-D**)

13.6.3 Bid Security **(Earnest Money),** as per provisions of the clause Bid Security of this document.

13.7 The Bidder shall seal the Original Technical Proposal in an envelope duly marked as under:

Original Technical Tender for
Tender Name. [Name of Tender]
Tender No. XXXXXX
Lot No.

[Name of the Purchaser]
[Address of the Purchaser]

[Name of the Bidder]
[Address of the Bidder]
[Phone No. of the Bidder]

13.8 The Bidder shall seal the Duplicate Technical Tender in an envelope duly marked as under:

Duplicate Technical Proposal for
Tender Name. [Name of Tender]
Tender No. XXXXXX
Lot No.

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]
[Address of the Bidder]
[Phone No. of the Bidder]

13.9 The Bidder shall follow the same process for the Financial Tender.

13.10 The Bidder shall again seal the sealed envelopes of Original Technical Proposal and the Original Financial Proposal in an outer envelope, duly marking the envelope as under:

Original Tender for
Tender Name. [Name of Tender]
Tender No. XXXXXX
Lot No.
Strictly Confidential

[Name of the Purchaser]
[Address of the Purchaser]

[Name of the Bidder]
[Address of the Bidder]
[Phone No. of the Bidder]

13.11 The Bidder shall again seal the sealed envelopes of Duplicate Technical Proposal and the Duplicate Financial Proposal in an outer envelope, duly marking the envelope as under:

Duplicate Tender for
Tender Name. [Name of Tender]
Tender No. XXXXXX
Lot No.

Strictly Confidential

[Name of the Purchaser]
[Address of the Purchaser]

[Name of the Bidder]
[Address of the Bidder]
[Phone No. of the Bidder]

13.12 The Bidder may enclose soft copies of the Technical Proposal, including all Forms, Annexes, Schedules, Documents, Brochures, Literature, etc., in the form of PDF and Scanned images, with the hard copies.

13.13 The Tender shall be dropped in the prescribed Tender Box placed at the Reception of the Purchaser's office, not later than **1200 hours** on last date of submission of bids. No late bid shall be accepted.

13.14 This is made obligatory to affix authorized signatures with official seal on all original and duplicate (copies) documents, annexures, copies, certificates, brochures, literature, letters, forms and all relevant documents as part of the bids submitted by the Bidder.

14. Tender Price

14.1 The quoted price shall be:

14.1.1 best / final / fixed and valid until completion of all obligations under the Contract i.e., not subject to variation / escalation;

14.1.2 in Pak Rupees;

14.1.3 inclusive of all taxes, duties, levies, insurance, freight, etc.;

14.1.4 Including all charges up to the delivery point at Quaid-e-Azam Academy for Educational Development (QAED), Lahore, **OR** as specified by the Purchaser at the time of award.

14.2 If not specifically mentioned in the Tender(s), it shall be presumed that the quoted price is as per the above requirements.

14.3 Where no prices are entered against any item(s), the price of that item shall be deemed be free of charge, and no separate payment shall be made for that item(s).

14.4 In case of locally produced Equipment/Service, the price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item. In case of Contract of imported Equipment/Services offered Ex-Warehouse/Off-the-Shelf from within the Purchaser's country, import duties and sales and other taxes already paid shall be shown separately (if required by the Purchaser).

15. Bid Security (Earnest Money)

15.1 The bid security amount has been calculated as per provisions of Rule-27 "Bid Security" of PPRA Rules, 2014 (i.e., not exceeding five percent of the estimated cost), the Bidder shall furnish the Bid Security (Earnest Money) as under:

15.1.1 for fixed amounts as mentioned in following table against different lots:

Lot No.	Description	Estimated Cost	Bid Security (2%)
1	Campus Network Infrastructure and Surveillance Solution	42,000,000	840,000
2	Wireless Solution	8,500,000	170,000
3	Upgradation of NOC	12,800,000	256,000
4	Misc. Hardware	1,000,000	20,000
5	LEDs	4,200,000	84,000
6	Air Conditioners	2,000,000	40,000

15.1.2 denominated in Pak Rupees;

15.1.3 separately against each Lot given in this tender document;

15.1.4 as part of financial bid envelope;

15.1.5 in the form of Bank Guarantee / Demand Draft / Pay Order / Call Deposit Receipt in the name of the Purchaser;

15.1.6 have a minimum validity period of **one hundred and twenty (120) days** from the last date for submission of the Tender or until furnishing of the Performance Security, whichever is later.

15.2 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

15.2.1 If the Bidder withdraws the Tender during the period of the Tender validity specified by the Bidder on the Tender Form; or

15.2.2 If the Bidder does not accept the corrections of his Total Tender Price; or

15.2.3 If the Bidder, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

15.3 The Bid security shall be returned to the technically unsuccessful bidder/s with unopened / sealed financial bid. Whereas the financially unsuccessful bidder/s will be returned the Bid Security only after the award of contract. The Bid Security shall be returned to the successful Bidder upon furnishing of the Performance Security.

16. Tender Validity

The Tender shall have a minimum validity period of **ninety (90) days** from the last date for submission of the Tender. The Purchaser may solicit the Bidder's consent to an extension of the validity period of the Tender. The request and the response thereto shall be made in writing. If the Bidder agrees to extension of

validity period of the Tender, the validity period of the Bid Security shall also be suitably extended. The Bidder may refuse extension of validity period of the Tender, without forfeiting the Bid security.

17. Modification / Withdrawal of the Tender

17.1 The Bidder may, by written notice served on the Purchaser, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.

17.2 The Tender, withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the Bid Security.

18. Opening of the Tender

18.1 Tenders (Technical Bids) shall be opened at **1230 hours** on the last date of submission of bids i.e., **20 October, 2021,** in the presence of the Bidder(s) for which they shall ensure their presence without further invitation, as per provision of Rule-30 of PPRA Rules, 2014. In case the last date of bid submission falls in / within the official holidays / weekends of the Purchaser, the last date for submission of the bids shall be the next working day.

18.2 The Bidder's name, modifications, withdrawal, security, attendance of the Bidder and such other details as the Purchaser may, at its exclusive discretion, consider appropriate, shall be announced and recorded.

18.3 No Bidder or its representative will be allowed to keep any digital device (camera, audio recorder, cell phone etc.) during tender opening meeting at given time and location.

19. Clarification of the Tender

The Purchaser shall have the right, at his exclusive discretion, to require, in writing, further information or clarification of the Tender, from any or all the Bidder(s). No change in the price or substance of the Tender shall be sought, offered or permitted except as required to confirm the corrections of arithmetical errors discovered in the Tender. Acceptance of any such correction is sole discretion of the purchaser.

20. Determination of Responsiveness of the Bid (Tender)

20.1 The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. For each Lot a substantially responsive Tender is one which:

- 20.1.1 meets the eligibility criteria given herein this tender document/ the Goods / the Services against each lot;
- 20.1.2 meets the Technical Specifications for the Goods / the Services against each Lot;
- 20.1.3 meets the delivery period / point for the Goods / the Services against each Lot;
- 20.1.4 in compliance with the rate and limit of liquidated damages against each Lot;
- 20.1.5 offers fixed price quotations for the Goods / the Services against each Lot, whereby no optional offer / bid or price is allowed;
- 20.1.6 is accompanied by the required Bid Security as part of financial bid envelope against each Lot;
- 20.1.7 The original receipt of tender fee submitted, attached with technical bid envelope;
- 20.1.8 In compliance with the Preparation/Submission of Tender in a manner prescribed in this tender document clause-13;
- 20.1.9 Conforms to all terms and conditions of the Tender Document, without material deviation or reservation.

20.2 A material deviation or reservation is one which affects the scope, quality or performance of the Goods or limits the Purchaser's rights or the Bidder's obligations under the Contract.

20.3 The Tender determined as not substantially responsive shall not subsequently be made responsive by the Bidder by correction or withdrawal of the material deviation or reservation.

21. Correction of errors / Amendment of Tender

21.1 The Tender shall be checked for any arithmetic errors which shall be rectified, as follows:

- 21.1.1 If there is a discrepancy between the amount in figures and the amount in words for the Total Tender Price entered in the Tender Form, the amount which tallies with the Total Tender Price entered in the

Price Schedule, shall govern.

21.1.2 if there is a discrepancy between the unit rate and the total price entered in the price Schedule, resulting from incorrect multiplication of the unit rate by the quantity, the unit rate as quoted shall govern and the total price shall be corrected, unless there is an obvious and gross misplacement of the decimal point in the unit rate, in which case the total price as quoted shall govern and the unit rate shall be corrected.

21.1.3 If there is a discrepancy in the actual sum of the itemized total prices and the total tender price quoted in the Price Schedule, the actual sum of the itemized total prices shall govern.

21.2 The Tender price as determined after arithmetic corrections shall be termed as the Corrected Total Tender Price which shall be binding upon the Bidder.

21.3 Adjustment shall be based on corrected Tender Prices. The price determined after making such adjustments shall be termed as Evaluated Total Tender Price.

21.4 No credit shall be given for offering delivery period earlier than the specified period.

22. TECHNICAL EVALUATION CRITERIA

The Bidders who have duly complied with the Eligibility/Qualification and Evaluation Criteria against each Lot will be eligible for further processing.

The Bids which do not conform to the Technical Specifications or Bid conditions or the Bids from the Bidders without adequate capabilities for supply and maintenance / warranty services will be rejected.

The Technical proposals shall be evaluated by the technical evaluation committee in the light of following evaluation criteria:

Category	Description	Points
Legal (Mandatory)	Valid Income Tax Registration *Registered for at least **last two (02) years for Lot No. 01, 02, 03 and 04; and last one (01) year for all the remaining Lots.**	Required
	Valid General Sales Tax Registration (Status = Active with FBR)	Required
	Single Undertaking covering following aspects: i. Submission of undertaking that the firm is not blacklisted by any of Provincial or Federal Government Department anywhere in Pakistan. ii. In full compliance of the Execution Schedule and Delivery Period mentioned in tender document. iii. Compliance to the technical specifications of Network Infrastructure, Surveillance Solution, Miscellaneous Hardware & Equipment etc. (all items) to be procured mentioned vide Annexure-A of this document and product technical Brochure that should include specific make and model with clarity of offered specifications must be enclosed with the bid. (Where applicable)	Required
	Authorization Certificate / document from the principal / manufacturer for the following; • **Lot No. 01 (**Cameras, NVR**)** • **Lot No. 02 (**Access Points, WLC**)** • **Lot No. 03 (**Rack, Server, Firewall, Storage**)** • **Lot No. 04 (**Laptops**)** Authorization Certificate / document from the principal / manufacturer/Authorized dealer (in case of dealer, authorization document from principal to dealer and certificate from dealer to the bidder is required) for the following;	Required

<table>
<tr><th>Category</th><th>Description</th><th>Points</th></tr>
<tr><td></td><td>• Lot No. 01 (Switches, Passive)</td><td></td></tr>
<tr><td>Past Experience (Mandatory)</td><td>Worth of projects similar in nature that includes Hardware / IT Equipment etc., in last three (03) years.
(Verifiable through relevant purchase orders / contracts)
<table><tr><th>Lot No.</th><th>Amount in PKR</th></tr><tr><td>01</td><td>17 million & above</td></tr><tr><td>02</td><td>03 million & above</td></tr><tr><td>03</td><td>05 million & above</td></tr><tr><td>04</td><td>400,000 & above</td></tr><tr><td>05</td><td>1.5 million & above</td></tr><tr><td>06</td><td>800,000 & above</td></tr></table></td><td>Required</td></tr>
</table>

Note:

i. Verifiable documentary proof for all above requirements are required and bids will be awarded on the basis of these verifiable proofs. Bidder must include checklist for above requirements in their bid.

ii. The result of the technical evaluation will be announced at least one (01) day before the opening of financial bids. Said one day time will be given for the grievance regarding technical qualification / disqualification of the bidders. However, after lapse of given time between the declaration of technical evaluation report and opening of the financial, no grievance petition would be entertained concerning the technical qualification / disqualification of the bidder. The objection after the opening of the financial bid would remain restricted to the financial bid only.

23. FINANCIAL PROPOSAL EVALUATION

23.1 Technically qualified/successful bidder(s) shall be called for opening of the Financial Proposal(s). The Financial Proposals will be opened in the presence of the Bidders at the time and venue indicated by the Purchaser accordingly. The technically Eligible/Successful Bidder(s) or their authorized representatives against each Lot shall be allowed to take part in the Financial Proposal(s) opening against their relevant Lot(s).

23.2 Financial Proposal evaluation will be conducted under the Punjab Procurement Rules, 2014. The Price evaluation will include all duties, taxes and expenses etc. In case of any exemption of duties and taxes made by the Government in favor of the Purchaser, the contractor shall be bound to adjust the same in the Financial Proposal.

23.2.1 In cases of discrepancy between the cost/price quoted in Words and in Figures, the lower of the two will be considered.

23.2.2 In evaluation of the price of an imported item, the price will be determined and considered inclusive of the customs and other import duties etc.;

23.2.3 In evaluation of the price of articles/goods which are subject to excise duty, sales tax, income tax or any other tax or duty levied by the Government, the price will be determined and considered inclusive of such duties and taxes.

23.3 The Purchaser will not be responsible for any erroneous calculation of taxes and all differences arising out as above shall be fully borne by the Successful Bidder. - All payments shall be subject to any and all taxes, duties and levies applicable under the laws of Pakistan for the whole period starting from issuance of Letter of Intent (LOI) till termination of the signed contract in this regard.

24. Rejection / Acceptance of the Bid

24.1 The Purchaser shall have the right, at his exclusive discretion, to increase/decrease the quantity of any or all item(s) without any change in unit prices or other terms and conditions, at the time of order placement. The

Purchaser may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The Purchaser shall upon request communicate to any bidder, the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds. The Purchaser shall incur no liability, solely, by virtue of its invoking sub-rule (1) of Rule-35 of Punjab Procurement Rules, 2014 towards the bidders. However, bidders shall be promptly informed about the rejection of the bids, if any (As per Rule 35 of Punjab Procurement Rules, 2014).

24.2 The Tender shall be rejected if it is:

- 24.2.1 substantially non-responsive in a manner prescribed in this tender document clause-20; or
- 24.2.2 submitted in other than prescribed forms, annexes, schedules, documents / by other than specified mode; or
- 24.2.3 incomplete, partial, conditional, alternative, late; or
- 24.2.4 Bid not submitted separately against each Lot and relevant bid security is not submitted against each Lot separately; or
- 24.2.5 subjected to interlineations / cuttings / corrections / erasures / overwriting; or
- 24.2.6 the Bidder refuses to accept the corrected Total Tender Price; or
- 24.2.7 the Bidder has conflict of interest with the Purchaser; or
- 24.2.8 the Bidder tries to influence the Tender evaluation / Contract award; or
- 24.2.9 the Bidder engages in corrupt or fraudulent practices in competing for the Contract award;
- 24.2.10 the Bidder fails to meet all the requirements of Tender Eligibility / Qualification Criteria (Clause-7);
- 24.2.11 the Bidder fails to meet the evaluation criteria requirements (clause-22);
- 24.2.12 the Bidder has been blacklisted by any public or private sector organization;
- 24.2.13 The Bidder has mentioned any financial implication(s) in the financial proposal that is in contradiction to this document and Government rules and regulations.
- 24.2.14 There is any discrepancy between bidding documents and bidder's proposal i.e., any non-conformity or inconsistency or informality or irregularity in the submitted bid.
- 24.2.15 The Bidder submits any financial conditions as part of its bid which are not in conformity with tender document.
- 24.2.16 Non-submission of verifiable proofs against the mandatory as well as general documentary, qualification and eligibility related requirements.
- 24.2.17 If the rates quoted by vender are not workable or on higher side etc.

25. Award Criteria

25.1. At first step, eligible bidder(s) as per clause-7 (Tender Eligibility) of this tender document fulfilling the qualification and technical evaluation criteria against each Lot will stand technically qualified.

25.2. At second step, technically qualified and successful bidder(s) will be evaluated in the light of all Pre-Conditions, necessary requisites and shall be selected on lowest cost quoted as per rules and fulfilling all codal formalities against each Lot, irrespective of their score in the previous step.

26. Acceptance Letter

As per provisions of Rule (55) of Punjab Procurement Rules 2014, the Purchaser shall issue the Intent Letter to the successful Bidder, at least after 10 days of announcement of bid evaluation reports (Ref. Rule-37 of PPRA Rules, 2014) and prior to the expiry of the original validity period or extended validity period of the Tender, which shall constitute a contract, until execution of the formal Contract against each Lot.

27. Performance Security

27.1 The successful Bidder/The Contractor against each Lot shall furnish Performance Security as under:

- 27.1.1 within twenty-eight (28) days of the receipt of the Intent Letter from the Purchaser;
- 27.1.2 LOT wise performance security (Separate for each LOT, if the bidder is successful for more than one LOT) would be submitted by the Bidder;
- 27.1.3 in the form of a Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per the format

provided in the Tender Document, whereas, if the individual contract amount is < PKR 3 million, performance securities in the shape of demand draft / pay order may be accepted along with undertaking regarding its renewal by the Contractor before expiry, for required time period as per signed Contract;

27.1.4 for a sum equivalent to 10% of the contract value;

27.1.5 denominated in Pak Rupees;

27.1.6 have a minimum validity period until the date of expiry of warranty period, support period or termination of services, or fulfillment of all obligations under the contract, whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period.

27.1.7 If the Contractor fails / delays provision of Performance Security within twenty-eight (28) days of the receipt of the Letter of Intent from the Purchaser, a sum of money @0.25% of the total Performance Security, for every day beyond twenty-eight (28) days of the receipt of the Letter of Intent from the Purchaser, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.

28. Redressal of grievances by the procuring agency

28.1 The Purchaser has constituted a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.

28.2 Any bidder feeling aggrieved by any act of the Purchaser after the submission of his bid may lodge a written complaint concerning his grievances not later than ten days after the announcement of the bid evaluation report.

28.3 The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.

28.4 Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

28.5 Any bidder not satisfied with the decision of the committee of the Purchaser may lodge an appeal in the relevant court of jurisdiction.

29. Contract

The Purchaser shall send the Contract provided in the Tender Document, to the successful Bidder along with the Letter of Intent (LOI). Within twenty-eight (28) days from the issuance of Letter of Intent, the successful Bidder shall sign the Contract.

30. Contract Duration

The Contract duration shall be for the period of **three (03) years**, starting from the date of issuance of Letter of Intent (LOI), delivery, installation & commissioning of all Hardware / IT Equipment, till end of warranty period for the **Lot No. 03 and 04**.

The Contract duration shall be for the period of **one (01) year**, starting from the date of issuance of Letter of Intent (LOI), delivery, installation & commissioning of all Hardware / IT Equipment, till end of warranty period for the **Lot No. 01, 02, 05, and 06.**

31. Contract Documents and Information

The Contractor shall not, without the Purchaser's prior written consent, make use of the Contract, or any provision thereof, or any document(s), specifications, pattern(s), sample(s) or information furnished by or on behalf of the Purchaser in connection therewith, except for purposes of performing the Contract or disclose the same to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

32. Contract Language

The Contract and all documents relating to the Contract, exchanged between the Contractor and the Purchaser, shall be in English. The Contractor shall bear all costs of translation to English and all risks of the accuracy of such translation.

33. Standards

The Goods supplied and the Services provided under this Contract shall conform to the authoritative latest industry standards.

34. Patent Right

The Contractor shall indemnify and hold the Purchaser harmless against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods / the Service or any part thereof.

35. Execution Schedule

The Contractor shall deliver Goods / ordered hardware and warranty within **sixteen (16) weeks** from the issuance of Intent Letter for **Lot No. 04**.

The Contractor shall deliver Goods / ordered hardware and warranty within **twelve (12) weeks** from the issuance of Intent Letter for **Lot No. 01**.

The Contractor shall deliver Goods / ordered hardware and warranty within **eight (08) weeks** from the issuance of Intent Letter for **Lot No. 02, 03, 05, and 06**.

36. Packing

The Contractor shall provide such packing of the Goods as is sufficient to prevent their damage or deterioration during storage / transit to their final destination as indicated in the Contract. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination and withstand, without limitation, rough handling, exposure to extreme temperatures, salt and precipitation at all points in storage / transit. The Contractor shall arrange and pay for the packing of the Goods to the place of destination as specified in the Contract, and the cost thereof shall be included in the Contract Price.

37. Taxes and Duties

The Contractor shall be entirely responsible for all taxes, duties and other such levies imposed make

inquiries on income tax / sales tax to the concerned authorities of Income Tax and Sales Tax Department, Government of Pakistan.

38. Contract Cost

The Contractor shall bear all costs / expenses associated with the preparation of the Contract and the Purchaser shall in no case be responsible / liable for those costs / expenses. The successful bidder shall provide legal stamp papers of relevant value according to Govt. rules and regulations for signing of the formal contract.

39. Delivery

39.1 Partial delivery of items will be allowed to the Contractor, as the case may be, according to the relevant Letter of Intent (LOI).

39.2 The Contractor shall indicate his delivery approach clearly specifying the requirements for packing, shipping and unpacking of deliverable hardware with any associated/relevant software and its documentation. The approach shall address shipment of deliverables to the various designated (installation) sites. The approach shall also specify any special shipping constraints such as custom requirements, security requirements, access arrangement or loading dock requirements. The Contractor shall deliver the Goods at Quaid-e-Azam Academy for Educational Development (QAED), Lahore, **OR** as specified by the Purchaser at the time of award.

39.3 The Goods shall remain at the risk and under the physical custody of the Contractor until the delivery, testing and taking over of the Goods is completed.

39.4 The Contractor shall ensure that the Goods shall be delivered (in part or full, as the case may be) to enable the testing and training to proceed without interruption. If it shall appear to the Client that the Goods have been or are likely to be delayed by reason of incomplete delivery or for any other reasons, he may require the Contractor at the expense of the Contractor to dispatch the missing items of the Goods or suitable replacements thereof to the site of delivery by the fastest available means including air freight.

39.5 In any circumstances changing of brand will not be acceptable. However, higher/latest model of the same brand can be delivered after approval of the purchaser.

40. Safety

40.1 The Contractor shall be responsible for the embedding of safety features in the inherent design of the equipment, for elimination of identified hazards, including but not limited to high voltage, electromagnetic radiation, sharp points and edges, etc., and reduction of associated risk to personnel and equipment.

40.2 The Contractor shall be responsible for the addition of bilingual warnings and caution notices, where hazards cannot be eliminated or risks cannot be reduced.

40.3 The Contractor shall be responsible for the protection of the power sources, controls, and critical components of the redundant systems and subsystems by shielding or physical separation when possible.

41. Spare Parts and Support

41.1 The Contractor shall ensure that the Goods provided by the Contractor, under the Contract are standard and of exact nature, and incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

41.2 The Contractor shall further ensure that the Goods provided by the Contractor, under the Contract shall have no defect, arising from design, materials, installation, configuration, or from any act or omission of the Contractor that may develop under normal use of the provided Goods.

41.3 The Contractor shall maintain sufficient backup stock of spare parts and tools locally at sites, for the maintenance of the supplied Goods, during the warranty period.

42. Inspection and Testing

42.1 The Client shall inspect and test the Goods supplied, the Services provided or the Works carried out, under the Contract, to verify their conformity to the Technical Specifications.

42.2 The inspections and tests shall be conducted at the premises of the Contractor / at the final destination. Where conducted at the premises of the Contractor, the Contractor shall provide all-reasonable facilities and assistance.

42.3 The Purchaser may reject the Goods, the Services or the Works if they fail to conform to the Technical Specifications, in any test(s) or inspection(s) and the Contractor shall either replace the rejected Goods, Services or Works or make all alterations necessary to meet the Technical Specifications, within three

working days, free of cost to the Purchaser.

42.4 The Purchaser's post-delivery right to inspect, test and, where necessary, reject the Goods shall in no way be limited or waived by reason of pre-delivery inspection, testing or passing of the Goods.

42.5 Nothing contained in this document shall, in any way, release the Contractor from any Warranty or other obligations under the Contract.

43. Taking-Over Certificate

43.1 The Contractor shall, by written notice served on the Client with a copy to the Purchaser, apply for a Taking-Over Certificate.

43.2 The Client shall, within seven days of receipt of Contractor's application, either issue the Taking-Over Certificate to the Contractor with a copy to the Purchaser, stating the date of successful inspection / testing of the Goods or any portion thereof, for their intended purposes; or reject the application giving the reasons and specifying the work required to be done by the Contractor to enable the Taking-Over Certificate to be issued.

43.3 Nothing contained in this document shall, in any way, release the Contractor from any Warranty or other obligations under the Contract.

44. Warranty

44.1 The Contractor shall warrant to the Purchaser that the Goods supplied by the Contractor, under the Contract are genuine, brand new, non- refurbished, un-altered in any way, of the most recent or current model, imported through proper channel, and incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

44.2 The Contractor shall further warrant that the Goods/Services supplied by the Contractor, under the Contract shall have no defect, arising from design, materials, workmanship or from any act or omission of the Contractor that may develop under normal use of the supplied Goods/Services.

44.3 The Contractor shall provide **Manufacturer's standard warranty / support for the periods as mentioned under each Lot in Annexure - A** (hereinafter referred as Warranty Period) after the issue of Taking-over Certificate in respect of Goods, the Services and the Works, or any portion thereof, as the case may be, which will include:

44.3.1 Free, on-site repair / replacement of defective / damaged parts and labor, within **one (01) week** of intimation in Lahore and **two (02) weeks** outside Lahore.

44.3.2 On site Replacement of such defective / damaged Goods will be provided, if repair of such Goods involves a duration exceeding **one (01) week** for Lahore and **two (02) weeks** outside Lahore.

44.4 The Warranty Period shall start from the date of installation / configuration / deployment of the Goods on site.

44.5 The Client shall, by written notice served on the Contractor with a copy to the Purchaser, promptly indicate any claim(s) arising under the warranty.

44.6 The Contractor shall, within the prescribed time period, after receipt of such notice, repair or replace the defective / damaged Goods or parts thereof on site, without any cost to the Purchaser.

44.7 The end user licenses, end user warranties and end user contracting support services shall be in the name of Purchaser, for the Goods supplied, the Services provided and the Works done, under the Contract.

45. Ownership of Goods and Replaced Components

Goods to be supplied to the Purchaser, pursuant to the Contract, shall become the property of the Purchaser when the Goods are taken over by the Purchaser. Defective components to be replaced by the Contractor, pursuant to the Contract, shall become the property of the Contractor as and where it lies.

46. Payment

46.1 Partial payments against partial delivery of items will be allowed to the Contractor, as the case may be, according to the relevant Letter of Intent (LOI).

46.2 The Contractor shall provide all necessary supporting documents along with invoice.

46.3 The Contractor shall submit an Application for Payment, to the Purchaser. The Application for Payment shall: be accompanied by such invoices, receipts or other documentary evidence as the Purchaser may require; state the amount claimed; and set forth in detail, in the order of the Price Schedule, particulars of the Goods supplied, the Services provided and the Works done, up to the date of the Application for Payment and subsequent to the period covered by the last preceding Payment, if any.

46.4 The Contractor shall submit an Application for Payment, to the Purchaser. The Application for Payment shall: be accompanied by such invoices, receipts or other documentary evidence as the Purchaser may

require; state the amount claimed; and set forth in detail, in the order of the Price Schedule, particulars of the Goods supplied, the Services provided and the Works done, up to the date of the Application for Payment and subsequent to the period covered by the last preceding Payment, if any.

46.5 The Purchaser shall pay the amount verified within thirty (30) days. Payment shall not be made in advance and against partial deliveries. The Purchaser shall make payment for the Goods supplied, the Services provided and the Works done as per, to the Contractor, as per Government policy, in Pak Rupees, through cross cheque.

46.6 The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended.

46.7 All payments shall be subject to any and all taxes, duties and levies applicable under the laws of Pakistan, for the whole period starting from issuance of Intent Letter till termination of the signed contract in this regard.

47. Price

The Contractor shall not charge prices for the Goods supplied, the Services provided and for other obligations discharged, under the Contract, varying from the prices quoted by the Contractor in the Price Schedule.

48. Contract Amendment

48.1 The Purchaser may at any time, by written notice served to the Contractor, alter or amend the contract for any identified need/requirement in the light of prevailing rules and regulations.

48.2 The Contractor shall not execute any Change until and unless the Purchaser has allowed the said Change, by written order served on the Contractor with a copy to the Client.

48.3 The Change, mutually agreed upon, shall constitute part of the obligations under this Contract, and the provisions of the Contract shall apply to the said Change.

48.4 No variation in or modification in the Contract shall be made, except by written amendment signed by both the Purchaser and the Contractor.

49. Assignment / Subcontract

49.1 The Contractor shall not assign or sub-contract its obligations under the Contract, in whole or in part, except with the Purchaser's prior written consent.

49.2 The Contractor shall guarantee that any and all assignees / subcontractors of the Contractor shall, for performance of any part / whole of the work under the contract, comply fully with the terms and conditions of the Contract applicable to such part / whole of the work under the contract.

50. Extensions in time for performance of obligations under the Contract

If the Contractor encounters conditions impeding timely performance of any of the obligations, under the Contract, at any time, the Contractor shall, by written notice served on the Purchaser with a copy to the Client, promptly indicate the facts of the delay, its likely duration and its cause(s). As soon as practicable after receipt of such notice, the Purchaser shall evaluate the situation and may, at its exclusive discretion, without prejudice to any other remedy it may have, by written order served on the Contractor with a copy to the Client, extend the Contractor's time for performance of its obligations under the Contract.

51. Liquidated Damages

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, without prejudice to any other right of action / remedy it may have, deduct from the Contract Price against undelivered portion, as liquidated damages, a sum of money @0.25% of the total Contract Price which is attributable to such part of the Goods / the Services / the Works, in consequence of the failure / delay, be put to the intended use, for every day between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s). Provided that the amount so deducted shall not exceed, in the aggregate, 10% of the Contract Price.

52. Penalty Charges on Late Submission of Performance Security

If the Contractor fails / delays provision of Performance Security within twenty-eight (28) days of the receipt of the Letter of Intent from the Purchaser, a sum of money @0.25% of the total Performance Security, for every day beyond twenty-eight (28) days of the receipt of the Letter of Intent from the Purchaser, will be deducted as Penalty Charges. Provided that total amount of Penalty Charges so deducted shall not exceed, an amount equal to the value of Bid Security.

53. Blacklisting

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract or found to have engaged in corrupt or fraudulent practices in competing for the award of contract or during the execution of the contract, the Purchaser may without prejudice to any other right of action / remedy it may have, blacklist the Contractor, for a stated period, for future tenders in public sector, as per provision of Punjab Procurement Rules, 2014 and PITB Procurement Regulations and Guidelines.

54. Forfeiture of Performance Security

54.1 The Performance Security shall be forfeited by the Purchaser, on occurrence of any / all of the following conditions:

54.1.1 If the Contractor commits a default under the Contract;

54.1.2 If the Contractor fails to fulfill any of the obligations under the Contract;

54.1.3 If the Contractor violates any of the terms and conditions of the Contract.

54.2 The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended.

54.3 If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, without prejudice to any other right of action / remedy it may have, forfeit Performance Security of the Contractor.

55. Termination for Default

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the default(s) and terminate the Contract, in whole or in part, without any compensation to the Contractor. Provided that the termination of the Contract shall be resorted to only if the Contractor does not cure its failure / delay, within fifteen working days (or such longer period as the Client may allow in writing), after receipt of such notice.

56. Termination for Insolvency

If the Contractor becomes bankrupt or otherwise insolvent, the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the insolvency and terminate the Contract, in whole or in part, without any compensation to the Contractor.

57. Termination for Convenience

57.1 Any of the parties may, at any time, by written notice served on the other party with a copy to the Client, terminate the Contract, in whole or in part, for its convenience, without any compensation to the other party.

57.2 The Goods and the Services, which are, complete or to be completed by the Contractor, within thirty working days after the receipt of such notice, shall be accepted by the Purchaser. For the remaining Goods / Services, the Purchaser may elect:

57.2.1 to have any portion thereof completed and delivered; and/or

57.2.2 to cancel the remainder and pay to the Contractor an agreed amount for partially completed Goods, Services, Works and materials / parts previously procured by the Contractor for the purpose of the Contract.

58. Force Majeure

58.1 For the purpose of this contract "Force Majeure" means an event which is beyond the reasonable control of a party and which makes a party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances, and includes, but is not limited to, War, Riots, Storm, Flood or other industrial actions (except where such strikes, lockouts or other industrial are within the power of the party invoking Force Majeure), confiscation or any other action by Government agencies. In all disputes between the parties as to matters arising pursuant to this Contract, the dispute be referred for resolution by arbitration under the Pakistan Arbitration Act, 1940, as amended, by one or more arbitrators selected in accordance with said Law. The place for arbitration shall be Lahore, Pakistan. The award shall be final and binding on the parties.

58.2 The Contractor shall not be liable for liquidated damages, forfeiture of its Performance Security, blacklisting for future tenders, termination for default, if and to the extent his failure / delay in performance /discharge of obligations under the Contract is the result of an event of Force Majeure.

58.3 If a Force Majeure situation arises, The Contractor shall, by written notice served on The Purchaser, indicate such condition and the cause thereof. Unless otherwise directed by The Purchaser in writing, The Contractor shall continue to perform 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.

58.4 Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or Agents or Employees, nor (ii) any event which a diligent Party could reasonably have been expected to both (A) take into account at the time of the conclusion of this Contract and (B) avoid or overcome in the carrying out of its obligations here under.

58.5 Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

59. Dispute Resolution

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

59.2 If, after thirty working days, from the commencement of such informal negotiations, the Purchaser and the Contractor have been unable to amicably resolve a Contract dispute, either party may, require that the dispute be referred for resolution by arbitration under the Pakistan Arbitration Act, 1940, as amended, by one or more arbitrators selected in accordance with said Law. The place for arbitration shall be Lahore, Pakistan. The award shall be final and binding on the parties.

60. Statutes and Regulations

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

60.2 The Contractor shall, in all matters arising in the performance of the Contract, conform, in all respects, with the provisions of all Central, Provincial and Local Laws, Statutes, Regulations and By-Laws in force in Pakistan, and shall give all notices and pay all fees required to be given or paid and shall keep the Purchaser indemnified against all penalties and liability of any kind for breach of any of the same.

60.3 The Courts at Lahore shall have the exclusive territorial jurisdiction in respect of any dispute or difference of any kind arising out of or in connection with the Contract.

61. The Client

61.1 The Client shall only carry out such duties and exercise such authority as specified in the Contract. The Client shall have no authority to relieve the Contractor of any of his obligations under the Contract, except as expressly stated in the Contract.

61.2 The Contractor shall proceed with the decisions, instructions or approvals given by the Client in accordance with these Conditions.

61.3 The Client shall conform to all the relevant clauses of this Tender Document to carry out all responsibilities assigned thereto in a timely manner.

62. Authorized Representative

62.1 The Purchaser, the Client or the Contractor may, at their exclusive discretion, appoint their Authorized Representative and may, from time to time, delegate any / all of the duties / authority, vested in them, to their authorized Representative(s), including but not limited to, signing on their behalf to legally bind them, and may, at any time, revoke such delegation.

62.2 The Authorized Representative shall only carry out such duties and exercise such authority as may be delegated to him, by the Purchaser, the Client or the Contractor.

62.3 Any such delegation or revocation shall be in writing and shall not take effect until notified to the other parties to the Contract.

62.4 Any decision, instruction or approval given by the Authorized Representative, in accordance with such delegation, shall have the same effect as though it had been given by the principal.

62.5 Notwithstanding Clause 62.2, any failure of the Authorized Representative to disapprove any Goods or Services or Works shall not prejudice the right of the Client to disapprove such Goods or Services or Works and to give instructions for the rectification thereof.

62.6 If the Contractor questions any decision or instruction of the Authorized Representative of the Purchaser / the Client, the Contractor may refer the matter to the Purchaser / the Client who shall confirm, reverse or vary

such decision or instruction.

63. Waiver

Failure of either party to insist upon strict performance of the obligations of the other party, under the Contract, shall in no way be deemed or construed to affect in any way the right of that party to require such performance.

64. Documentation

The Contractor shall furnish the user documentation, the operation manuals, and service manuals for each appropriate unit of the supplied Goods and other information pertaining to the performance of the Goods, in hard copy format, in soft copy format and in the form of on-line help, before the Goods are taken over by the Purchaser.

ANNEXURE-A

TECHNICAL SPECIFICATIONS

NOTE: Duly filled technical specifications sheets with required information must be enclosed in their respective technical bids against relevant lot(s) by the bidder(s).

LOT NO. 01
CAMPUS NETWORK INFRASTRUCTURE AND SURVEILLANCE SOLUTION (Turnkey)

Surveillance System		
Sr#	**Item Description (Minimum Specifications)**	**Qty**
1	**5MP Fixed Lens Dome Network Camera** • 1/2.7" Progressive Scan CMOS • Fixed focal lens 2.8 • IR Range: Up to 30 m • Wide Dynamic Range 120 dB • Support up-to Resolution 2592 × 1944 • Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, SSL/TLS, PPPoE, ARP, SNMP • Day/night functionality, H.265, H.264, MJPEG, Two or higher streams, • Privacy Mask, Motion Detection, Corridor Mode • ONVIF Conformance, IP67 (Metallic Body), IK10 Vandal Resistant, PoE. • 2D/3D DNR, WDR, with wall mount boxes etc. • Face Capture , Line/ intrusion detection, Motion detection, Alarma & Audio (input and output) • Certification: FCC; CE-EMC, EN IEC, BIS , LOA, CE-RoHS (Any two certification)	81
2	**5MP Fixed Lens Bullet Network Camera** • 1/2.7" Progressive Scan CMOS • Fixed focal lens 4MM • IR Range: Up to 50 m • Support up-to resolution 2592 × 1944 • Built-in micro SD/SDHC/SDXC slot, up to 64 GB • Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, SSL/TLS, PPPoE, ARP, SNMP • Day/night functionality, H.265, H.264, MJPEG, Two or higher streams, • Privacy Mask, Motion Detection, Corridor Mode • ONVIF Conformance, IP67 (Metallic Body), IK10 Vandal Resistant, PoE, Waterproof Box for Outdoor. • 2D/3D DNR, WDR • Face Capture , Line/ intrusion detection, Motion detection, Alarma & Audio (input and output) • Certification: FCC; CE-EMC, EN IEC, BIS , LOA, CE-RoHS (Any two certification)	110
3	**4MP Fixed Lens Mini Bullet Network Camera** • 1/2.7" Progressive Scan CMOS • Fixed focal lens 4MM • IR Range: Up to 70 m • Max. Resolution 2592 × 1944 • Built-in micro SD/SDHC/SDXC slot, up to 64 GB • Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, SSL/TLS, PPPoE, ARP, SNMP • Day/night functionality, H.265, H.264, MJPEG, Two or higher streams, • Privacy Mask, Motion Detection, Corridor Mode • ONVIF Conformance, IP67 (Metallic Body), IK10 Vandal Resistant, PoE, Waterproof Box for Outdoor. • 2D/3D DNR, WDR • Face Capture , Line/ intrusion detection, Motion detection, Alarma & Audio (input and output) • Certification: FCC; CE-EMC, EN IEC, BIS , LOA, CE-RoHS (Any two certification)	53
4	**PTZ Camera**	4

	• 8 MP 48× Network IR Speed Dome • 1/1.8" progressive scan CMOS • Up to 3840 × 2160 resolution • Color: 0.002Lux, B/W: 0.0002Lux • 48× optical zoom, 16× digital zoom • 120dB WDR, 3D DNR, IR • Day/Night Switch day, night, auto, scheduled-switch • Support H.265+/H.265 video compression • Day/Night Switch day, night, auto, scheduled-switch • support microSD/ microSDHC or higher cards, up to 64 GB • IP67, IK10 • Support detecting up to 20 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face	
5	**PTZ Controller** • Support up to 6 users or higher (1 administrator at least) and 300 devices Add/modify/delete cameras in batch, Display (integrated or third part), 1 video input and 1 video output • 1 × USB 2.0 interface, 1 x Network interface	1
6	**NVR:** 64 Channel 8HDDs Slot 4K NVR • Up to 12 Megapixels resolution recording • Incoming/Outgoing Bandwidth: 300Mbps/240Mbps or higher • 8 SATA HDDs Slot, up to 10TB for each HDD support • Human body detection, face detection, vehicle detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection • RAID0, 1, 5, 10 • 2 x RJ45 • 19-inch rack-mounted 1U/2U chassis, redundant power supply • Support 265/H.265/H.264 video formats • Third-party IP cameras supported with ONVIF conformance • HDMI1/VGA1 and HDMI2/VGA2 simultaneous outputs provided • HDMI1 output at up to 4K resolution	6
7	HDD: 8TB HDD Surveillance Grade	30
8	55" LED Full HD LED Monitor with Brackets Wall Mount (with compatible 20Meter HDMI/ DVI Cable) for Video Wall or (HDMI cables with HD based-T convertor if required, as per solution requirement)	6
9	Galvanized Iron Pole 15-20 Feet Pole for Boundary Wall Surveillance with Arms	4
10	Installation & Configuration (end-to-end)	1
11	**Note:** Serial No 1-6 of "Surveillance System" must be of same brand.	
	Active Networking	
Sr#	**Item Description (Minimum Specifications)**	**Qty**

1	**<u>Core Switch</u>**
	• Switch must have:
	  ○ 48x 10G SFP+ Ports
	  ○ 4x 40G uplink Ports
	  ○ Console port RJ45/USB or equivalent
	• Switch pre terminated with following SFP's
	  ○ 30x 10G SPF+ single mode module
	  ○ 2x 10G SFP+ Multi Mode module
	  ○ 10x 1G SFP single mode module
	  ○ 6x 1G RJ45 module
	• Switch should support following Capacities:
	  ○ 1 Tbps switching Capacity or Higher.
	  ○ 1 Bpps Forwarding Capacity or Higher.
	• Support of 80k MAC address entries, 4K Active VLAN Support, Spanning Tree Protocols, IGMP Snooping, 128k IPv4 Routes, DHCP Snooping, ACL.
	• RIP, OSPF, BGP, VLAN interface, VRRP, SNMP.
	• Redundant power supply and fans
	• LED for status, Management port
	• Support for stacking of minimum 02 Switches (must be stacked the core switches).
		2

	• 3-years manufacturer's warranty, NBD Replacement from Manufacture and Software upgrades.	
2	**Access Switch 24 Port (10G Uplink)** • Switch must have: o 24x 1G RJ45 Ports o 2x 10G SFP+ Ports (pre terminated SM modules) o Console port RJ45/USB or equivalent • Switch should support following Capacities: o 120 Gbps switching Capacity or Higher. o 80 Mpps Forwarding Capacity or Higher. • Support 16k MAC address entries, 4K Active VLAN Support, Spanning Tree Protocols • Status LED, Management port • 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.	7
3	**Access Switch 24 Port POE+ (10G UL)** • Switch must have: o 24x 1G RJ45 Ports o 2x 10G SFP+ Ports (pre terminated SM modules) o Console port RJ45/USB or equivalent o 370W PoE+ power or Higher. • Switch should support following Capacities: o 120 Gbps switching Capacity or Higher. o 80 Mpps Forwarding Capacity or Higher. • Support 16k MAC address entries, 4K Active VLAN Support, Spanning Tree Protocols • Status LED, Management port and USB port • 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.	15
4	**Access Switch 08 Port POE+ (10G UL)** • Switch must have: o 08x 1G RJ45 POE+ Ports o 2x 10G SFP+ Ports (pre terminated SM modules) o Console port RJ45/USB o 120W PoE+ power budget or Higher. • Switch should support following Capacities: o 50 Gbps switching Capacity or Higher. o 40 Mpps Forwarding Capacity or Higher. • Support 8k MAC address entries, 4K Active VLAN Support, Spanning Tree Protocols • Status LED, Management port and USB port • 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.	4
5	**Access Switch 08 Port POE+ and 1G Uplink ports** • Switch must have: o 08x 1G RJ45 POE+ Ports o 2x 1G SFP+ Ports (pre terminated SM modules) o Console port RJ45/USB o 60W PoE+ power budget or Higher. • Switch should support following Capacities: o 20 Gbps switching Capacity or Higher. o 14 Mpps Forwarding Capacity or Higher. • Support 8k MAC address entries, 4K Active VLAN Support, Spanning Tree Protocols • Status LED, Management port and USB port • 3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.	10
6	**1 KVA UPS:** 1.0 KVA with dry batteries, Surge protection, Processor control, Line Interactive Technology , Backup: 5 minutes or higher, Recharge Time: 4-6 hours or lower, Features: Serial/USB Port, Plug and Play, with other standard features.	36
7	**NOTE:** Serial No 1-5 of "Active Networking" must be of same brand.	
Passive Networking		

Sr#	Item Description (Minimum Specifications)	Qty
1	**24 Port Patch Panel:** Patch panel (fully loaded with CAT6 Gigabit Ethernet Supported Tool Less I/Os, 23AWG or better) and Cable Management tray.	APA
2	**CAT 6 Cable:** UTP CAT-6 cable Roll (300m) or higher, 4 Pair (23AWG or better) (Fluke Test Pass)	APA
3	Cable Management Tray	APA
4	**CAT 6 Patch Cord:** 1 meter, Company fabricated, RoHS Compliant, Copper wires	APA
5	**CAT 6 Patch Cord:** 3 meter, Company fabricated, RoHS Compliant, Copper wires	APA
6	**CAT 6 Single Shutter Faceplate:** Dual Shutter Faceplate with Back box (loaded with Gigabit Ethernet Supported Tool Less I/Os, 23AWG or better) CAT6 Supported	APA
7	**CAT 6 Dual Shutter Faceplate:** Dual Shutter Faceplate with Back box (loaded with Gigabit Ethernet Supported Tool Less I/Os, 23AWG or better) CAT6 Supported	APA
8	UTP Cable deployment including of ducting, numeric tagging, punching. (Per Feet).	APA
9	Adam jee Duct 16*38 (10 feet standard length)	APA
10	Adam jee Duct 40*40 (10 feet standard length)	APA
11	Adam jee Duct 60*60 (10 feet standard length)	APA
12	3x3 feet Hard Digging with warning Tape (per Meter)	APA
13	3x3 feet soft Digging warning Tape (per Meter)	APA
14	Splicing	APA
15	Handhole/ Manhole with Slab Cover (2'x2' or 1.5'x 1.5')	APA
16	Flexible Pipe 1 or 2 inch (per feet)	APA
17	HDP Pipe 2 inch (per Meter)	APA
18	GI Flexible Pipe 1/2 inch (Per feet)	APA
19	Optical Fiber 48 Core (per Meter)	APA
20	Optical Fiber 24 Core (per Meter)	APA
21	Optical Fiber 12 Core (per Meter)	APA
22	Fiber Laying Charges (Per Meter)	APA
23	48 Port Fiber Management enclosure with splice tray and adapters	APA
24	24 Port Fiber Management enclosure with splice tray and adapters	APA
25	12 Port Fiber Management enclosure with splice tray and adapters	APA
26	Fibre Patch Cord 3 Meter	APA
27	Pigtail Connector 1.5 Meter	APA
28	42U Data Rack with 2x PDU and 4x Fan. , Metal frame front door with safety glass, vertical cable management duct.	APA
29	09U Outdoor Rated Data Cabinet with 6 Socket PDU	APA
30	12U Double Section Wall Mount Data Cabinet with 8 Socket PDU	APA
31	Cable laying, termination, testing, fixing, Installation and Configuration (end-to-end)	1 Job
32	**Note:** Serial No 1 – 6 of "Passive Networking" must be of same brand to ensure end to end CAT6 quality.	

Vendor will be responsible to:

- Provide fluke testing report of the network.
- Outdoor cameras must have waterproof boxes, cameras must be installed with proper brackets/ mounting kits.
- Provide fixed display on one location (over multiple screens for the cameras) and soft display over three locations.
- Provide 5 years guarantee certificate for the passive equipment, from principal.
- Provide network design diagrams, IP Details Document, basic configuration document.
- On-site Day-to-day operations training to the nominated staff of the purchaser.
- All fiber related equipment including, Patch Chords, Connecting Cables, Management Enclosures will be deployed according to the design.

Note:

- The quantities of "Active Equipment" mentioned in the table above are estimated quantities. The Contractor will have to carry out site survey within seven (07) days of Letter of Intention (LOI) from the Purchaser, and provide Bill of Quantities (BOQ) as per above "Active Equipment List" to the Purchaser for approval and incorporation into the Contract. The payment will be made to the Contractor, as per the quantities included in the Contract, according to the final and duly approved BOQ.
- The payment to the Contractor against "Passive Networking" will be made as per actual numbers/measurements; after the installation, deployment & commissioning of equipment, and approval of inspection report by the Purchaser.

LOT NO. 02
WIRELESS SOLUTION

SR. #	ITEMS	REQUIREMENT DESCRIPTION	Qty.	Quoted Item (s) (Make & Model)	Offered Specification(s)
1	**Wireless Controller**	Hardware based WLC with 4 or more 1G Ethernet interfaces and 2 or more 10G SFP+ ports. 1 x USB 3.0 port, 1 x Console port. Support CAPWAP or LWAPP or SSH Protocol and same controller support 802.11 ac and ax Access Points. Controller capable to support at least 500 or higher Access Point with 10,000 or higher concurrent user connections. Support 802.1x authentication, and built-in Captive portal and Guest Management system. Support Direct forwarding or tunnel forwarding. Redundant AC Power supply and Fan modules. GUI of controller support graphical presentation of Air time fairness and Application usage of wireless clients. Perpetual license required for 60 number of AP's with 03 years of support. (There must not be any recurring licensing cost). Rack mount kit.	02		
2	**Outdoor Wireless Access Points**	Outdoor Access Point must support IEEE 802.11ax standard and 2x2 MIMO or higher with 2 radios streams, 1.7 Gbps (Accumulative) bandwidth must be supported on AP. Capable to support outdoor wireless mesh connectivity. Minimum Physical Integrated Antenna Gain: 3 dBi or higher for both 2.4GHZ and 5GHZ. Support of up to 500 or Higher users. 2x2 MIMO must be activated on 802.3af POE standard and for full functionality 802.3at POE+ standard supported. One or more 1G/2.5G Ethernet interface. Bluetooth Low Energy (BLE) radio for location-based use cases support. WIPS, Rogue device detection, 802.1x authentication, Mac Address Authentication. support: IEEE 802.11a/b/g/n/ac/ax, EN 61000 Protection: IP67 and Temperature: -20C to 50C.	04		
3	**Indoor Wireless Access Points**	Indoor Access Point must support IEEE 802.11ax standard and 2x2 MIMO or higher with 2 radios streams, 1.7Gbps (Accumulative) or higher bandwidth must be supported on AP. Capable to support wireless mesh connectivity. Minimum Physical Integrated Antenna Gain: 3 dBi or higher for both 2.4GHZ and 5GHZ. Support of up to 500 or Higher users. 2x2 MIMO must be activated on 802.3af POE standard and for full functionality 802.3at POE+ standard supported. Two or more Gigabit Ethernet interface. WIPS, Rogue device detection, 802.1x authentication, Mac Address Authentication. Support: IEEE 802.11a/b/g/n/ac/ax, EN 61000	56		

Note:

- 3-years manufacturer's warranty and NBD Replacement from Manufacture.
- Quoted solution must be of same brand and equipment must not be EOL and EOS in next 5 years.
- Quoted solution must include wireless NMS software of the same brand.
- Supplier will be responsible to
    - Configure and install the equipment (with mountings) on the designated location in Lahore (as pointed out by the purchaser).
    - Provide basic hands-on on-site equipment training of day-to-day operations to the nominated team of the purchaser.

LOT NO. 03
UPGRADATION OF NOC (Turnkey)

ITEM # 1: Mini Datacenter (Quantity: 1)			
Sr #	**Item Description (Minimum Specifications)**	**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	**Server (Qty 3)** • **Model**: 1U or 2U Rack Server • **Processor**: 2*Intel Xeon Silver 4300, 8 cores 16 thread • **ECC Memory**: 128GB DDR4 or higher • **Hard Disk Drive**: 2*400 SATA-SSD, 6Gbps or higher • **RAID Controller**: Support RAID 0, 1, 10 or more, 6Gbps or higher • **Network Adapter**: 2*GE port , 2*10GE port • **HBA Card**: 1*16G Dual Ports with SFP+ or higher • **Optical drive**: 1*DVD-RW • **Power Supply**: Redundant high efficiency power supply. • **Fan Module**: Redundant fan modules in full configuration, allowing one-fan failures • **Kit**: Rack Mount Kit • **Warranty**: 3 Years NBD Manufacturer warranty		

2	**Storage (Qty 1)**
	• **Controller**: Active-Active Dual controllers, Unified Storage
	• **Multiprotocol Support**
	  ○ The proposed array must have NFS, CIFS, FC, iSCSI connectivity and activated licenses,
	  ○ All required SAN and block licenses should be activated.
	• **Interfaces**: 4*8GB per Controller, 1*GE per controller. All interfaces must have required activated modules with all necessary cable.
	• **Controller Cache**: 16GB cache (8GB per controller) or more,
	• **Capacity**: 10TB SAS (10K RPM or higher) usable Storage on raid 5 and 1 drive must be hot spare.
	• **Max Drives Support**: 100 disk slots or more
	• **Cables:** Fiber Cables 5Meter x 10, LC-LC
	• **Power Supply**: Redundant high efficiency power supply.
	• **Kit**: Rack Mount Kit
	• **Warranty**: 3 Years NBD Manufacturer warranty		

3	**Hypervisor (Qty 6, Perpetual)**
	• **Hypervisor:** Hypervisor shall be VMware, Hyper-V, Sangfor, Fusion Sphere or equivalent, no open source is accepted**,** 6 CPU Sockets
	• **Main Feature**
	  ○ Must have management software
	  ○ Must have High Availability for physical server level
	  ○ Must have VM migration without service interruption
	  ○ Must have Microsoft cluster in VM Environment
	  ○ Must have centralized management of virtual resource
	  ○ Snapshot on demand
	  ○ Must able to connect directly external Storage (Block SAN Over FC and ISCI interfaces)
	• **Installation**
	  ○ Provide installation and configuration of hypervisors on physical machines, centralized management, Backups of VMs
	  ○ Provide installation and configuration of Microsoft cluster in VM environment
	• **Note**: 3 Years support and subscription.		

4	**OS License (Qty 1, Perpetual)** • **Window License:** Windows Server (Latest, standard, 16 cores) – Perpetual.		

5	**Antivirus License (Qty 4)** • Antivirus server license • Ransomware protection • Client/ server architecture. • **Note**: 3 Years support and subscription.		
6	**Backup NAS Drive (Qty 1)** • **Processor**: 1 • **Hard Disk Drive**: Minimum 3*10 TB NLSAS or SAS 7200 RPM • **RAID Controller**: Support RAID 5 or more • **Network Adapter**: 2 x Port 1 GbE • **Warranty**: 3 Years NBD Manufacturer warranty		
7	**NGFW (Qty 2)** • **Rack Mount:** 1U • **NGFW/NGIPS throughput :** 1.6 Gbps • **Max firewall throughput:** 20 Gbps • **Threat Protection:** 1Gbps • **IPsec VPN Throughput:** 2 Gbps • **Remote access VPN License:** 25 • **Max concurrent Session:** 1.5 Million • **New Session per second:** 50,000 • **VLAN tagging :** YES • **Wan Ports:** 2 GE port • **LAN Ports:** 12 GE port • **Clustering:** YES • **Kit**: Rack Mount Kit • **Warranty**: 3 Years NBD Manufacturer warranty and support • **Updates**: 3 Years Security Software/ Definition Updates.		
8	**RACK** • **Rack:** 2 x 42U Perforated Cabinet with Ventilation fans, side doors. Blanking Panel 1U (to fill empty spaces in the rack). Rack should be branded. • **UPS:** 2 x UPS rack mount, Minimum 10kVA high frequency type, output PF 1.0,220V/220V • **PDM:** 1 x Rack mount PDM, including power meters, surge protection, and power distribution & management branches of 2* UPS, 1* ups bypass, 2* PDU, and 1* surge protection. • **PDU:** 4 x Basic PDU 32A/1Phase input, 12*C13, 4*C19, indication light, vertical mount, with terminal box. • Monitoring host/ panel for Rack with display, communicates with sensors (temperature, humidity, smoke, leaking, door open) and equipment (ups and power meters), Web portal/ application. • Access controller, management of users, logs and access authorization. 3 in 1 access control reader, supporting fingerprint, RFID card, and pin. 10* RFID Card. Door locking system including magnetic type locks for 2 Racks • **Display:** 1 X 17" LED display (Rack mount) with 8-port KVM. • FM200 automatic fire fighting system, rack mount 3U height, gas volume min 1kg, temperature and smoke sensor integrated. Supports 1-2 cabinets • Cable Tray and Misc. Works for installation are included for site. • 1 X Video Camera, Dome type, POE power supply, 6M pixel, IP67. • Beacon/buzzer alarm module		

Note:

- 3-years manufacturer's warranty and NBD Replacement from Manufacture for Sr#.1, 2, 3, 5, 6, 7.
- 1- Year manufacturer's warranty and support for Sr# 4, and 8.
- Supplier will be responsible to
    - Configure and install the equipment on the designated locations (as pointed out by the purchaser), along with cable tray etc.
    - Provide basic hands-on on-site equipment training of day-to-day operations to the nominated team of the purchaser.

LOT NO. 04
MISC. HARDWARE

ITEM # 1: High End Laptops for Mgmt. (Quantity: 2)				
Sr #	**Item Description (Minimum Specifications)**		**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	**Processor**	: 11th Generation Intel Core i7 (4.4 GHz Max Turbo frequency) or higher		
	Chipset	: Integrated Intel, TPM 2.0		
	Graphics	: Integrated		
	System Memory	: 16GB DDR4 or higher.		
	Hard Disk Drive	: 512 SSD or higher		
	Keyboard/Touchpad	: Standard keyboard and Precision Touchpad		
	Display	: 13 to 14 inch FHD IPS Display, Gorilla glass, 400 nits. tablet mode or x360		
	WIFI and Bluetooth	: 2x2 Wireless (802.11 b/g/n or ac)		
	Carrying Case:	: Standard carrying case of same brand (with Part#)		
	Mouse	: Wireless Optical Mouse of same brand. (with Part#)		
	Audio	: built-in speakers		
	I/O Ports	: Audio/ Microphone Jack, 2 x USB 2.0/3.0 or more, 1X HDMI/VGA port.		
	Battery and Adaptor	: minimum 3-4 hours battery life		
	Camera	: Built-in Camera		
	Starting weight	: 1.3 Kg or less		
	Warranty	• 3 Year's manufacturer's warranty. • All items under this lot must be of same brand.		

ITEM # 2: High End Laptops for DC (Commercial Series) (Quantity: 3)				
Sr #	**Item Description (Minimum Specifications)**		**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	**Processor**	11th Generation or higher		
	RAM	16 GB DDR4 or higher, upgradeable up to 64GB		
	HDD	512GB NVMe + SSD or higher		
	Display	14" diagonal FHD (400 nits or higher), IPS anti-glare LED-backlit		
	Graphics	Integrated Intel UHD Graphics or higher		
	Communication	Intel Wi-Fi 6 (2x2), Bluetooth 5 Combo,		
	Webcam	HD IR webcam720P or higher		
	Built-in Ports	2x USB 3.1 Type C with thunderbolt Support or higher. 2x USB 3.1, 1x HDMI 1.4, 1x headphone/ microphone Combo or higher.		
	Touchpad	Click-pad with multi-touch gesture, Precision Touchpad, Fingerprint sensor		
	Battery	50 Wh Li-ion or better		
	Power supply	USB-C Straight AC Adapter		
	Accessories	Executive Carrying Case (Same brand with part #).		
		Premium Wireless Mouse (Same Brand with Part#)		
	OS, Driver & Support	The laptop should support or compatible with Windows 10 64bit & Drivers or the latest windows based OS. 1.35kg or less notebook starting weight.		
	Warranty	• 3 Year's manufacturer's warranty. • All items under this lot must be of same brand.		

Note: The quoted brand under this LOT (Item 1 & 2 must be among the top five (05) selling brands as per the latest Gartner/IDC report.

ITEM # 3: Kensington Security Locks for DC (Quantity: 20)			
Sr #	**Item Description (Minimum Specifications)**	**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	Kensington lock for Laptop's Kensington Security Slots.		

LOT NO. 5
LEDs

ITEM # 1: 75" LED (Quantity: 6)			
Sr #	**Item Description (Minimum Specifications)**	**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	• **Type:** Smart QLED LED or better technology • **Screen Size:** 75" or higher, • **Resolution:** UHD 4k or higher, HDR 10+ • **Inputs & Outputs:** 2 x HDMI ports or higher, 1 x USB ports or more, Composite AV, LAN, Wireless LAN, Bluetooth • **Audio:** Dolby equivalent or higher, HD Sound, Web Browser , Mirroring, Video Player • **Accessories:** Wall mount Kit with compatible HDMI Cable of 20 meters or higher, Remote Control, and other standard accessories. Vendor will be responsible to install the LEDs as well on the designated location in Lahore (as pointed out by the purchaser). • **Warranty:** 1 Year manufacturer's warranty.		

LOT NO. 6
AIR CONDITIONER

ITEM # 1: AIR CONDITIONER (Quantity: 16)			
Sr #	**Item Description (Minimum Specifications)**	**Quoted Item (s) (Make & Model)**	**Offered Specification(s)**
1	• **Capacity:** 1.5 Ton or higher • **Feature:** Heat and Cool • **Type:** DC Invertor, Wall Mount • **Colling Capacity (BTU):** 18000 • Temperature Display, Horizontal and Vertical air swings • Including remote control, refrigerant pipe, and on-site installation in Lahore (as pointed out by the purchaser). Outer bracket, cabling. • **Warranty:** 1 Year manufacturer's warranty & 3 Year or higher compressor.		

FORMS & OTHER REQUIRED DOCUMENTS

ANNEXURE-B

TECHNICAL PROPOSAL SUBMISSION FORM

[Location, Date]

To

(Name and address of Client / Purchaser)

Dear Sir,

We, the undersigned, offer to provide the (insert title of assignment) in accordance with your Request for Proposal/Tender Document No. (insert number) dated (insert date) and our Proposal. We are hereby submitting our Proposal, which includes the Technical Proposal and the Financial Proposal sealed in two separate envelopes.

We undertake, if our Proposal is accepted, to provide (insert procurement title) related to the assignment.

We also confirm that the Government of Pakistan / Punjab has not declared us, or any Sub-Contractors for any part of the Contract, ineligible on charges of engaging in corrupt, fraudulent, collusive or coercive practices. We furthermore, pledge not to indulge in such practices in competing for or in executing the Contract, and we are aware of the relevant provisions of the Proposal Document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature (Original)
(In full and initials)
Name and Designation of Signatory
Name of Firm
Address

ANNEXURE-C

FINANCIAL PROPOSAL SUBMISSION FORM
(PART OF FINANCIAL BID ENVELOPE)

[Location, Date]

To

(Name and address of Client / Purchaser)

Dear Sir,

We, the undersigned, offer to provide the (insert title of assignment) in accordance with your Request for Proposal/Tender Document No. (insert number) dated (insert date) and our Proposal. Our attached Financial Proposal is for the sum of (insert amount in words and figures). This amount is inclusive of all taxes.

Our Financial Proposal shall be binding upon us up to expiration of the validity period of the Proposal, i.e., before the date indicated in (insert clause No.) of the Proposal Data Sheet.

We also declare that the Government of Pakistan / Punjab has not declared us or any Sub-Contractors for any part of the Contract, ineligible on charges of engaging in corrupt, fraudulent, collusive, or coercive practices. We furthermore, pledge not to indulge in such practices in competing for or in executing the Contract, and are aware of the relevant provisions of the Proposal Document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature (Original)
(In full and initials)
Name and Designation of Signatory
Name of Firm
Address

ANNEXURE-D

PRICE SCHEDULE/ FINANCIAL COST SHEET
(FOR EACH LOT SEPARATELY)

LOT NO. 01
CAMPUS NETWORK INFRASTRUCTURE AND SURVEILLANCE SOLUTION

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
Surveillance System					
1	5MP Fixed Lens Dome Network Camera		**81**		
2	5MP Fixed Lens Bullet Network Camera		**110**		
3	4MP Fixed Lens Mini Bullet Network Camera		**53**		
4	PTZ Camera		**4**		
5	PTZ Controller		**1**		
6	NVR		**6**		
7	HDD: 8TB HDD Surveillance		**30**		
8	55" LED Full HD LED		**6**		
9	Galvanized Pole 15-20 Feet Pole for Boundary Wall Surveillance		**4**		
10	Installation & Configuration (end-to-end)		**1 Job**		
Active Networking					
1	Core Aggregation Switch		**2**		
	Access Switch 24 Port, 10G UL		**7**		
2	Access Switch 24 Port POE+, 10G UL		**15**		
3	Access Switches 8 Port POE+, 10G UL		**4**		
4	Access Switches 8 Port POE+, 1G UL		**10**		
5	1 KVA UPS		**36**		
6	Installation & Configuration (end-to-end)		**1 Job**		
Passive Networking					
1	24 Port Patch Panel		**36**		
2	CAT 6 UTP Cable		**30**		
3	Cable Management Tray/ Manager		**36**		
4	CAT 6 Patch Cord: 1 meter		**300**		
5	CAT 6 Patch Cord: 3 meter		**150**		
6	CAT 6 Single Shutter Faceplate, Tool less I/O, and Back box		**200**		
7	CAT 6 Dual Shutter Faceplate, Tool less I/O and Back box		**150**		
8	UTP CAT 6 Cable deployment including of ducting, numeric tagging, punching. (Per Feet).		**30000**		
9	Adam jee Duct 16*38 (10 feet)		**200**		
10	Adam jee Duct 40*40 (10 feet)		**100**		
11	Adam jee Duct 60*60 (10 feet)		**100**		
12	3x3 feet Hard Digging (per meter)		**100**		
13	3x3 feet soft Digging (per meter)		**100**		
14	Splicing		**200**		
15	Handhold/ Manhole Slab Cover (1.5'x1.5'or 2'x2')		**15**		

16	Flexible Pipe 1 or 2 inch (per feet)		**500**		
17	HDP Pipe 2 inch (per feet)		**500**		
18	GI Flexible Pipe 1/2 inch (Per feet)		**100**		
19	Optical Fiber 48 Core (per Meter)		**500**		
20	Optical Fiber 24 Core (per Meter)		**500**		
21	Optical Fiber 12 Core (per Meter)		**200**		
22	Fiber Laying Charges (Per Meter)		**1200**		
23	48 Port Fiber Management enclosure with splice tray and adapters (incl. couplers, fully loaded)		**2**		
24	24 Port Fiber Management enclosure with splice tray and adapters (incl. couplers, fully loaded)		**2**		
25	12 Port Fiber Management enclosure with splice tray and adapters (incl. couplers, fully loaded)		**16**		
26	Patch Cord Fiber 3 Meter		**50**		
27	Pigtail Connector 1.5 Meter		**50**		
28	42U Data Rack with 2x PDU and 4x Fan. , Metal frame front door with safety glass, vertical cable management duct.		**1**		
29	09U Outdoor Rated Data Cabinet with 6 Socket PDU, Fan		**10**		
30	12U Double Section Wall Mount Data Cabinet with 8 Socket PDU, Fan		**10**		
31	Cable laying, termination, testing, fixing, Installation and Configuration (end-to-end)		**1 Job**		
TOTAL					X

NOTE:

(i) X will determine the total bid cost for all items.

(ii) Prices must be quoted for all items.

(iii) Hardware quoted must be legally imported in Pakistan after paying all taxes.

(iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.

(v) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____

Date _____

Signature of authorized person

Name:

(Company Seal)

_____

In the capacity of

Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

LOT NO. 02
WIRELESS SOLUTION

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
1	Wireless Controller		**02**		
2	Outdoor Access Point		**04**		
3	Indoor Access Point		**56**		
4	Onsite equipment installation, configuration, testing, commissioning, training etc.		**01**		
				TOTAL PRICE	**X**

NOTE:

(i) X will determine the total bid cost for all items.
(ii) Prices must be quoted for all items.
(iii) Hardware quoted must be legally imported in Pakistan after paying all taxes.
(iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.
(v) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____
Date _____

Signature of authorized person
Name:

(Company Seal)

_____
In the capacity of
Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

LOT NO. 03
UPGRADATION OF NOC

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
1	Server		**03**		
2	Storage		**01**		
3	Hypervisor		**06**		
4	OS License		**01**		
5	Antivirus License		**04**		
6	Backup NAS Dive		**01**		
7	NGFW		**02**		
8	Rack		**02**		
9	Onsite equipment installation, configuration, testing, commissioning, training etc.		**01**		
				TOTAL PRICE	**X**

NOTE:

(i) X will determine the total bid cost for all items.
(ii) Prices must be quoted for all items.
(iii) Hardware quoted must be legally imported in Pakistan after paying all taxes.
(iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.
(v) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____
Date _____

Signature of authorized person
Name:

(Company Seal)

_____
In the capacity of
Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

LOT NO. 04
MISC HARDWARE

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
ITEM#1:					
1	High-End Laptops for Mgmt		**2**		
ITEM#2:					
2	High-End Laptops for DC		**3**		
ITEM#3:					
3	Kensington Lock for Laptops		**20**		
				TOTAL PRICE	**X**

NOTE:

(i) X will determine the total bid cost for all items.
(ii) Prices must be quoted for all items.
(iii) The quoted brand under this LOT (Item 1 & 2 must be among the top five (05) selling brands as per the latest Gartner/IDC report.
(iv) Hardware quoted must be legally imported in Pakistan after paying all taxes.
(v) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.
(vi) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____
Date _____

Signature of authorized person
Name:

(Company Seal)

_____
In the capacity of
Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

LOT NO. 05
LEDs

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
1	75" LED		**6**		
				TOTAL PRICE	**X**

NOTE:

(i) X will determine the total bid cost for all items.
(ii) Prices must be quoted for all items.
(iii) Hardware quoted must be legally imported in Pakistan after paying all taxes.
(iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.
(v) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____
Date _____

Signature of authorized person
Name:

(Company Seal)

_____
In the capacity of
Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

LOT NO. 06
AIR CONDITIONER

Sr. No	Description (Minimum Specifications)	Quoted Item (s) (Make & Model)	No. of Units (1)	Price Per Unit (Incl. all Tax) if applicable PKR (2)	Total Price (No. of Units * Per Unit Price incl. all Taxes) PKR 3= (1*2)
ITEM#1:					
1	Air Conditioner		**16**		
				TOTAL PRICE	**X**

NOTE:

(i) X will determine the total bid cost for all items.
(ii) Prices must be quoted for all items.
(iii) Hardware quoted must be legally imported in Pakistan after paying all taxes.
(iv) The Purchaser reserves exclusive rights to increase / decrease the quantities of the items mentioned vide this tender document.
(v) Warranty, support period as mentioned in Annex-A.

Total Cost (in words) PKR _____
Date _____

Signature of authorized person
Name:

(Company Seal)

_____
In the capacity of
Duly authority by

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial proposal.

ANNEXURE-E

FORMAT FOR COVER LETTER

To

(Name and address of Purchaser)

Sub: _____.

Dear Sir,

a) Having examined the tender document and Appendixes we, the undersigned, in conformity with the said document, offer to provide the said items / Services on terms of reference to be signed upon the award of contract for the sum indicated as per financial bid.

b) We undertake, if our proposal is accepted, to provide the items/services comprise in the contract within time frame specified, starting from the date of receipt of notification of award from the client Department / Office.

c) We agree to abide by this proposal for the period of ____ days (as per requirement of the project) from the date of bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

d) We agree to execute a contract in the form to be communicated by the (insert name of the Purchaser), incorporating all agreements with such alterations or additions thereto as may be necessary to adapt such agreement to the circumstances of the standard.

e) Unless and until a formal agreement is prepared and executed this proposal together with your written acceptance thereof shall constitute a binding contract agreement.

f) We understand that you are not bound to accept a lowest or any bid you may receive, not to give any reason for rejection of any bid and that you will not defray any expenses incurred by us in biding.

_____

Authorized Signatures with Official Seal

ANNEXURE-F

INSTRUCTION FOR PREPARATION OF POWER OF ATTORNEY

a) To be executed by an authorized representative of the bidder.

b) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.

c) Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.

d) In case the Application is signed by an authorized Director / Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

FORMAT OF POWER-OF-ATTORNEY

POWER OF ATTORNEY

(On Stamp Paper of relevant value)

Know all men by these presents, we (name of the company and address of the registered office) do hereby appoint and authorize Mr. / Ms. (full name and residential address) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal for (name of the project) in response to the tenders invited by the (name of the Purchaser) including signing and submission of all documents and providing information/responses to (name of the Purchaser) in all matters in connection with our Bid.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this _____ day of _____ 20__

For _____

(Signature)
(Name, Designation and Address)
Accepted

(Signature)
(Name, Title and Address of the Attorney)
Date:

ANNEXURE-G

UNDERTAKING

It is certified that the information furnished here in and as per the document submitted is true and correct and nothing has been concealed or tampered with. We have gone through all the conditions of tender and are liable to any punitive action for furnishing false information / documents.

Dated this _____ day of _____ 20__

Signature

(Company Seal)

_____

In the capacity of

Duly authorized to sign bids for and on behalf of:

ANNEXURE-H

AFFIDAVIT
(To be submitted on legal stamp paper)

(INTEGRITY PACT)

We (Name of the bidder / supplier / service provider) being the first duly sworn on oath submit, that Mr. / Ms. (if participating through agent / representative) is the agent / representative duly authorized by (Name of the bidder company), hereinafter called the Contractor to submit the attached bid to the (Name of the Purchaser). Affiant further states that the said M/s (Bidding Firm/Company Name) has not paid, given or donate or agreed to pay, given or donate to any line officer or employee of the (Name of the Purchaser) any money or thing of value, either directly or indirectly, for special consideration in the letting of the contract, or for giving undue advantage to any of the bidder in the bidding and in the evaluation and selection of the bidder for contract or for refraining from properly and thoroughly maintaining projects implementations, reporting violation of the contract specification or other forms of non-compliance.

[The Seller/Supplier/Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with the Purchaser and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[The Seller/Supplier/Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to the Purchaser under any law, contract or other instrument, be voidable at the option of the Purchaser.

Notwithstanding any rights and remedies exercised by the Purchaser in this regard, [the Seller/Supplier/Contractor] agrees to indemnify the Purchaser for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to the Purchaser in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seller/Supplier/Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from the Purchaser.

_____
Signature & Stamp

Subscribed and sworn to me this _____ day of _____ 20__

_____ Notary Public

ANNEXURE-I

PERFORMANCE SECURITY

Issuing Authority:
Date of Issuance:
Date of Expiry:

WHEREAS [Name and Address of the Contractor] (hereinafter called "the Contractor") has agreed to supply the Goods and render the Services against Tender Name. (insert procurement title), Tender No. (insert tender document No.), (hereinafter called "the Contract") for the Contract Value of PKR (in figures _____) (in words _____).

AND WHEREAS it has been stipulated in the Tender Document that the successful Contractor shall furnish Performance Security, within twenty eight (28) days of the receipt of the Acceptance Letter (Letter of Intent) from the Purchaser, in the form of a Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per this format, for a sum equivalent to Rs._____(10% of the contract value) valid from the date of issue until all obligations have been fulfilled in accordance with the Contract;

AND WHEREAS [Name of the Bank] having registered office at [Address of the Bank], (hereinafter called "the Guarantor") has agreed to give the Contractor a Guarantee;

THEREFORE the Guarantor hereby affirms to bind himself, his successors and his assigns to the Purchaser, for the sum of PKR (in figures _____) (in words _____) and undertakes to pay to the Purchaser, upon receipt of his written demand(s), any sum(s) as specified by him, not exceeding the above limit in aggregate, without cavil / argument and without the Purchaser having to substantiate / prove or to show grounds / reasons for such claim(s), on the occurrence of any / all of the following conditions:

1. If the Contractor commits a default under the Contract;
2. If the Contractor fails to fulfill any of the obligations under the Contract;
3. If the Contractor violates any of the provisions of the Contract.

Provided that the Purchaser shall specify the occurred condition(s) owing to which the said sum is due to him.

Provided further that any demand(s) / claim(s) from the Purchaser shall reach the Guarantor before the expiry of the Guarantee.

This guarantee shall remain valid up to _____ or until expiry of warranties / support period or all obligations have been fulfilled in accordance with the Contract, **whichever is later**.

Date this _____day of 2021.

GUARANTOR

Signature _____
CNIC # _____
Name _____
Designation _____
Address _____

ANNEXURE-J

CHECKLIST FOR BID SUBMISSION

TECHNICAL PROPOSAL

PART-A (04 DOCUMENT)

1. Bid Submission Form/Covering letter duly signed and stamped by authorized representative. **(Annexure-E)**
2. Income Tax Registration certificate **(NTN)**
3. General Sales Tax Registration **(Status = Active with FBR)**
4. **Single Undertaking**
   The compliance, delivery schedule and black listing statement should be made as per mentioned in tender documents. The following six things could be collectively mentioned or given on a paper i.e., **Stamp paper or Letter head of company**.

   One Undertaking consisting on the following: -
   A. **Firm Blacklisting** i.e., firm is not blacklisted by any Provincial or Federal Government Department, Agency, Organization or Autonomous Body anywhere in Pakistan.
   B. **Compliance to Terms & condition mentioned in Tender document**, i.e. (All terms & conditions and qualifications listed anywhere in this tender document have been satisfactorily vetted) (**Annexure-G**).
   C. **Compliance to Delivery Schedule & Execution Schedule** as per tender document
   D. **Compliance that the quoted Goods are genuine**, brand new, non- refurbished, un-altered in any way, of the most recent / current model, imported through proper channel, and incorporate all recent improvements in design and materials.
   E. **Compliance to the technical specifications** to be procured mentioned vide (**Annexure-A)**

PART-B (02 DOCUMENT)

1. Technical Proposal Form **(Annexure-B)**
2. Technical Bid/BOQ clearly mentioned Quoted Model with Technical specification offered, along with Brochures / Literature and online web link.

PART-C (05 DOCUMENTS)

1. **Qualification Documents:** Authorization Certificates / Documents from principal/manufacturer/authorized dealers as per requirement given in technical evaluation criteria, **for relevant lot. i.e.**

   Has authorization Certificate/Document from the Principal / Manufacturer / Authorized Dealer to participate in this particular tender and indicating subject tender number (in case of dealer,
   A. Authorization document from principal to dealer and
   B. Certificate from dealer to the bidder is required

2. **Financial Reports**: **Annual Audited Report Last Year**, if required. In case of financial experience audit report or any other financial documents the dates should be considered.
3. **Relevant Experience Documents:** (Purchase Orders / Contracts) for specified period i.e., 3 year/1 year etc.
4. **Power of Attorney**: if an authorized representative is appointed, duly signed & stamped. **(Annexure-F)**
5. **Integrity Pact**.
   (Note: No extra document will be received during evaluation process. Bidders are requested to send complete bid. Un-conditional Bids required to be submitted.)

FINANCIAL PROPOSAL

PART- D (03 DOCUMENTS)

1. **Financial Proposal Form (Annexure-C)**, duly signed & stamped. (**AS per tender document)**
2. **Price Schedule (Annexure-D)**, duly signed & stamped. **(Tax Calculation)**
3. **Bid Security**, as per provisions of the clause Bid Security of this document.

ANNEXURE-K

CASH DEPOSIT SLIP

For Punjab Information Technology Board, Lahore

No.

Date: _____

Deposited in:

Bank's Copy

The Bank of Punjab, ASTP Branch (0320) ASTP, Lahore. **A/C #** **CPA 260-1**

Applicant Information:

Company Name: _____

Tender No. & Tender Title: _____

Transaction Detail:

Amount In Figures: Rs. 1,000/- In Words: Rupees one thousand only

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CASH DEPOSIT SLIP

For Punjab Information Technology Board, Lahore

No.

Date: _____

Deposited in:

PITB's Copy

The Bank of Punjab, ASTP Branch (0320) ASTP, Lahore. **A/C #** **CPA 260-1**

Applicant Information:

Company Name: _____

Tender No. & Tender Title: _____

Transaction Detail:

Amount In Figures: Rs. 1,000/- In Words: Rupees one thousand only

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CASH DEPOSIT SLIP

For Punjab Information Technology Board, Lahore

No.

Date: _____

Deposited in:

Customers's Copy

The Bank of Punjab, ASTP Branch (0320) ASTP, Lahore. **A/C #** **CPA 260-1**

Applicant Information:

Company Name: _____

Tender No. & Tender Title: _____

Transaction Detail:

Amount In Figures: Rs. 1,000/- In Words: Rupees one thousand only