PUNJAB INFORMATION TECHNOLOGY BOARD
(PITB)

INVITATION TO BID

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

i. Parts and Labor Exclusive Warranties and O&M Support for PITB Datacenter.

Sr.#	Description	Estimated Cost	Bid Security (2%)
1	Warranties and O&M Support for Datacenter	15,000,000/-	300,000/-
2	Warranties and O&M Support for Datacenter (Principal backed)	25,000,000/-	500,000/-

ii. Printed, Publishing Items for PITB and It's Various Projects under Framework Contract.

Sr.#	Description	Estimated Cost	Bid Security (2%)
1	Printed & Publishing Items	2,600,000/-	52,000/-

iii. Hardware/IT Equipment under the projects titled "Revamping of THQ and DHQ Hospitals".

Lot No.	Description	Estimated Cost	Bid Security (2%)
Lot # 1	Laptops	11,230,000	224,600
Lot # 2	Desktop Computers	44,840,000	896,800
Lot # 3	UPS 1KVA	6,490,000	129,800
Lot # 4	Smart Screen & LED TV	910,000	18,200
Lot # 5	Toners, HDMI cable, HDMI to VGA converter, Power Extension, Hard drive	912,912	18,258
Lot # 6	IP Phone, CCTV Wireless Camera	212,999	4,260
Lot # 7	Android Tablet	12,672,000	253,440
Lot # 8	Network Router, Network Switch	10,192,000	203,840

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

3. The tender documents are 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 Documents are 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. **25th June, 2020** 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.

(IPL-4558-C)

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. 208062020-2

PROCUREMENT OF PARTS AND LABOR EXCLUSIVE WARRANTIES AND O&M SUPPORT FOR PITB DATACENTER

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(1&2), this Tender is being placed online at PPRA's website, as well as being advertised in print media.

As per Rule 12(2), this Tender is also placed online at the websites of Purchaser and PPRA. 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. 1000/-. 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 bids found technically nonresponsive shall be returned un-opened to the respective bidders; 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 No.1, placed at reception of Punjab Information Technology Board, Lahore, not later than 1200 hours on last date of submission of bids i.e. **25th June, 2020,** 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 **25th June, 2020.** 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 hardware / Equipment / Software / warranties must be received in writing to the Purchaser till **13th June, 2020.** Any query received after said date may not be entertained. All queries shall be responded to within due time. PITB may host a Q&A session, if required, at PITB premises (13 th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore). All Bidders shall be informed of the date and time in advance.

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
Haroon Rasheed, Senior Programme Manager (IT Infrastructure)
Email: haroon@pitb.gov.pk
Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan.

Waqas Ahmed, PO (DC)
Email: ch.waqas@dc.pitb.gov.pk
Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan.

Secondary Contact
Sajjad Ghani
ADG (IT (Infrastructure)
Email: sajjad@pitb.gov.pk
Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, Pakistan.

M. Jahanzaib Khan
Assistant Director (Development & Procurement)
Email: jahanzaib.khan@pitb.gov.pk;
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 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 I.T related hardware/software/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" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars, revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

3.12 "Goods" means hardware, equipment, machinery, servers, software and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.

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 warranties, support & maintenance, 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 Government of Pakistan.

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 provision of warranties and Operational Service Level Agreement (SLA) for HVAC, Electrical and related Passive installed Datacenter Equipment for Maintenance of HVAC systems, Electrical Systems, Fire control & suppression systems, including preventive and predictive monitoring and support, as well as repair and/or replacement of faulty equipment or parts under provisioned warranty of the systems and involved equipment (hereinafter referred to as “the Services”).

6.2 Technical specifications are attached at **Annexure-A**.

6.3 SLA for the same is attached at Annexure-K.

6.4 The Services / Warranties / Equipment / IT equipment / Software will be delivered and deployed in PITB Datacenter, Lahore.

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 (2) years;

7.1.2 has valid Registration of Sales Tax (ST) & National Tax Number (NTN);

7.1.3 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;

7.1.4 The Bidder must be certified service partner of **Schneider** for Lot # 1 & 2:

7.1.5 Bidder must have at least two technical resources having ATD or CDCP certification in Datacenter passive infrastructure for Lot # 1 & 2.

7.1.6 Bidder must have its own manpower and HVAC team to manage services for Lot 1 & 2.

7.1.7 The Bidder must provide Principal / Manufacturer backed warranties for APC / Schneider Lot # 2, letter from Principal / Manufacturer in this regard must be submitted with the bid;

7.1.8 has not been blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. (Submission of undertaking), failing which will cause rejection of the bid;

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

7.1.10 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 venture / Consortium 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 05 (five) 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 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-25(4) 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**:

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

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

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

13.6.3 Has authorization of the principal / manufacturer as per clause-7;

13.6.4 Evidence of eligibility of the Bidder and the Goods

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

13.6.6 Technical Brochures / Literature

13.6.7 Details of Warranty/support and After-Sale Service

13.6.8 Submission of undertaking that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan.

13.6.9 Valid Registration Certificate for Income Tax & Sales Tax

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

13.7 The Financial Proposal shall comprise the following:

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

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

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

13.8 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. **208062020-2**

[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 seal the Duplicate Technical Tender in an envelope duly marked as under:

Duplicate Technical Proposal for

Tender Name. [Name of Tender]

Tender No. **208062020-2**

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Bidder]

[Phone No. of the Bidder]

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

13.11 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. **208062020-2**

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 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. **208062020-2**

Strictly Confidential

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Bidder]

[Phone No. of the Bidder]

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

13.14 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.

13.15 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 as mentioned in the tender document or at various Punjab Government Offices in Punjab (if required).

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 a sum of equivalent to as per following table:

Lot #	ITEM	Estimated Cost	BID SECURITY (2%)
1	Warranties and O&M Support for Datacenter	15,000,000/-	300,000/-
2	Warranties and O&M Support for Datacenter (Principal backed)	25,000,000/-	500,000/-

15.1.2 denominated in Pak Rupees;

15.1.3 As part of financial bid envelope.

15.1.4 separately against each Lot given in this tender document;

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

15.1.6 have a minimum validity period of one 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 with unopened/sealed financial bid while the unsuccessful bidders of financial bid opening procedure 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. **25th June, 2020,** 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;

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;

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

PASS MARKS: A technically eligible bidder, based on conditions listed in this document, not meeting the 70% pass marks limit will be rejected in Technical Evaluation, and its sealed / unopened Financial Proposal shall be returned back. All bidders scoring greater than or equal to 70% of the marks will be accepted in technical proposal, and their financial bids will be opened.

PROVISO: Provided that if NONE or ONLY ONE (single) bidder exceeds the 70% pass mark, then the Purchaser SHALL decrease the Pass Mark limit to 50%. In other words, if TWO or more bidders exceed 70%, then the Pass Mark will NOT be decreased to 50%.

If Pass Marks are decreased to 50%, then ALL bidders with scores greater than or equal to 50% shall be considered EQUALLY as approved in the Technical Evaluation, and their Financial Bids shall be opened.

The Bidders against each lot who have duly complied with the Eligibility/Qualification and Evaluation Criteria 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 Eligible/Technically Qualified Bidders will be considered for further evaluation.

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

FOR LOT # & 2

Category	Description	Requirement/ Points
Legal (Mandatory)	Valid Income Tax Registration *Registered for at least two (2) years	Required
	Valid Sales Tax Registration (Status = Active with relevant authority)	Required
	Undertakings: i. Submission of undertaking that the firm is not blacklisted by any of Provincial or Federal Government Department anywhere in Pakistan. ii. Compliance to the technical specifications of warranties / hardware (all items) / Services / Solution to be procured mentioned vide Annex-A of this document. ii. In full compliance of the Execution Schedule and Delivery Period mentioned in tender document (Undertaking).	Required

	The Bidder must be certified service partner of **Schneider.**	Required
	Bidder must have at least two technical resources having ATD or CDCP certification in Datacenter passive infrastructure.	Required
	Letter from Principal / Manufacturer regarding Principal / Manufacturer backed warranties against Lot # 2	
	Bidder must have its own manpower and HVAC team to manage services.	Required

Lot # 1

Category	Description	Requirement	Points
Financial Strength	Annual worth of Liquid Assets verifiable from last Audited report. (Max Points 100)	5-10 Million	50 points
		10.1-15 Million	70 points
		15.1 million and above	100 points
Experience	Project of similar nature i.e. Support and maintenance of Datacenter Facility equipment including HVAC, Electrical Panels, UPS, fire control systems etc. during last three (03) years (Verifiable through Purchase orders / Contracts)	5-10 Million	50 points
		10.1-15 Million	70 points
		15.1 million and above	100 points

Lot # 2

Category	Description	Requirement	Points
Financial Strength	Annual worth of Liquid Assets verifiable from last Audited report. (Max Points 100)	15-20 Million	50 points
		20.1-25 Million	70 points
		25.1 million and above	100 points
Experience	Project of similar nature i.e. Support and maintenance of Datacenter Facility equipment including HVAC, Electrical Panels, UPS, fire control systems etc. during last three (03) years (Verifiable through Purchase orders / Contracts)	15-20 Million	50 points
		20.1-25 Million	70 points
		25.1 million and above	100 points

Note:

i. Verifiable documentary proof for all above requirements and criteria points are required and marks 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 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)/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)/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)/Services 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 not submitted separately against each Lot and relevant bid security 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 been served any legal notices or displeasure letters by any public sector organization on serious failures to provide satisfactory services;

24.2.14 the Bidder has mentioned any financial implication(s) in the financial proposal that is in contradiction to this document and Government rules and regulations.

24.2.15 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.

24.2.16 the Bidder submits any financial conditions as part of its bid which are not in conformity

with tender document.

24.2.17 Non-submission of verifiable proofs against the mandatory as well as general documentary, qualification and eligibility related requirements.

24.2.18 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 will stand technically qualified.

25.2. At second step, technically qualified and successful Bidder(s) against each Lot 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 Acceptance 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 shall furnish Performance Security as under:

27.1.1 within twenty eight (28) days of the receipt of the Acceptance 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;

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/support 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.

27.2 The Performance Security shall be payable to the Purchaser, on occurrence of any / all of the following conditions:

27.2.1 If the Contractor commits a default under the Contract;

27.2.2 If the Contractor fails to fulfill the obligations under the Contract;

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

27.3 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. The Performance Security shall be returned to the Bidder within thirty working days after the expiry of its validity on written request from the Contractor.

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.

II. General Conditions of Draft Contract

29. Contract

The Purchaser shall, after receipt of the Performance Security from the successful Bidder, send the Contract provided in the Tender Document, to the successful Bidder. Within three working days of the receipt of such Contract, the Bidder shall sign and date the Contract and return it to the Purchaser.

30. Contract Duration

The Contract duration shall initially be for one year starting from the issuance of LOI till end of warranties / support period and will be renewed for next two years on yearly basis (if required). Extension of contract shall be based on provisioning of satisfactory services by the service provider, needs, and requirements and approved budgetary provisions of the Purchaser.

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 start delivery of warranties / support services within two (02) weeks from the issuance of Acceptance Letter.

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. Labeling

The Goods supplied under the Contract, shall be clearly labeled so as to correspond with the delivered documentation, with proper labeling scheme provided by the Client. All networking equipment, cables, connectors, ports, boxes shall be clearly labeled.

38. Operation and Maintenance

The Contractor shall sign a SLA (attached at ANNEX-K) taking full responsibility for the continuous operational capability and maintenance of the entire systems falling under the contract, 24/7, without disruption to either service or performance, during the warranty/support period

39. Installation and Implementation

39.1 The Contractor shall ensure that the implementation design conforms to an open standard by which new services can be added without disruption to existing services.

39.2 The Contractor shall ensure that the implementation is fault tolerant. This is accomplished by supplying a set of programs and procedures that allow the system recovery or roll back when a fault is detected.

39.3 The Contractor shall provide a document stating step-by-step procedures for installation and disaster recovery to the Purchaser.

39.4 The Contractor shall provide all the recent patches and updates for Firmware/Hardware/Software/Solution, on a reliable media, with proper labeling, during the installation to the Purchaser.

39.5 The Contractor shall configure the system for high availability and reliability, of all hardware and software.

39.6 The Contractor shall submit detailed and complete installation, transition and cutover plan for the new system, installation procedures for the new components specifying equipment checkout, installation constraints, operational cutover, maintenance prior to Client acceptance and if special security and/or access arrangements are required.

40. Test Equipment and Tools

The Contractor shall evaluate the existing facilities and abilities of the Client to accomplish corrective and preventive maintenance and support and identify additional skills, test equipment and tools required to maintain and support the equipment. Such test equipment and tools shall be state of the art in design aimed at providing an efficient, systematic and cost effective repair operation for all replaceable components.

41. Spare Parts and Support

41.1 The Contractor shall maintain sufficient backup stock of spare parts and tools locally, for the maintenance of the supplied Goods under warranty / support, during the warranty/support period.

41.2 The Contractor shall ensure availability of spare parts and technical assistance for all components for the period of contract, without major changes, after the completion of final acceptance.

41.3 The Contractor shall give six months advance notice on any discontinued part(s) with a suggestion for appropriate alternatives failing which will cause forfeiture of Performance Security.

41.4 The Contractor shall also identify and provide the following:

41.4.1 items (repairable spares, parts and consumable supplies) that are needed to maintain design performance, reliability and availability standards prescribed in the Technical Specifications. The quantity of spare parts and consumable items provided and kept shall be equal to the requirements for one year of operating; stock;

41.4.2 critical items, whose failure would cause a system failure;

41.4.3 items of high cost and/or long lead time (over thirty working days);

41.4.4 items whose design reliability is such that normal stock replenishment would not justify maintaining a level of the item in stock.

42. Warranty

42.1 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.

42.2 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.

42.3 The Contractor shall provide warranty & Support for minimum one (1) year and extendable up to three (3) years (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:

42.3.1 Free, on site repair / replacement of defective / damaged parts and labor as per SLA.

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

42.5 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/support.

42.6 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.

42.7 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.

43. 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.

44. Payment

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

44.2 The Contractor shall submit an Application for Payment, to the Purchaser. The Application for Payment shall: be accompanied by such invoices, warranty cards, 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.

44.3 **For Lot#1:** Payments would be made against quarterly generated invoice of the contractor. Contractor shall provide all necessary supporting documents along with invoice. Document will include the periodic corrective and preventive maintenance reports as per principal/standards and agreed formats for relevant equipment.

44.4 **For lot#2:** Back to back Warranties (from principal) related payment would be made against separate invoice with evidence of Principle provided warranty documents. A list of equipment, whose back to back warranties are purchased, certified from Principal must be shared by contractor. Operation and maintenance related payments would be made against quarterly generated invoice of the contractor. Contractor shall provide all necessary supporting documents along with invoice. Document will include the periodic maintenance reports as per standard formats for relevant equipment.

44.5 The Purchaser shall get verified the details of Warranties/equipment/Services delivered against the invoice from the concerned Technical Team of PITB and Payment shall be made on complete delivery of Warranties/equipment/Services after issuance of satisfactory certificate by concerned technical team of PITB, as per details given in relevant Letter of Intent.

44.6 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 warranties supplied, the Services provided and the Works done as per, to the Contractor, as per Government policy, in Pak Rupees, through treasury cheque.

44.7 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.

44.8 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 Acceptance Letter till termination of the signed contract in this regard.

45. 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.

46. Contract Amendment

46.1 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.

46.2 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.

46.3 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.

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

47. Assignment / Subcontract

47.1 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.

47.2 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.

48. 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.

49. 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.

50. 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, either indefinitely or for a stated period, for future tenders in public sector, as per provision of Punjab Procurement Rules, 2014 and PITB Procurement Regulations and Guidelines.

51. Forfeiture of Performance Security

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

51.1.1. If the Contractor commits a default under the Contract;

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

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

51.3 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

51.4 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.

52. 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.

53. 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.

54. Termination for Convenience

54.1 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.

54.2 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, the Purchaser may elect:

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

54.2.2 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.

55. Force Majeure

55.1 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.

55.2 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.

55.3 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.

55.4 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.

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

56. Dispute Resolution

56.1 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.

56.2 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.

57. Statutes and Regulations

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

57.2 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.

57.3 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.

58. 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.

59. 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.

60. The Client

60.1 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.

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

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

61. Authorized Representative

61.1 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.

61.2 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.

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

61.4 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.

61.5 Notwithstanding Clause 61.2, 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.

61.6 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.

62. 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.

63. 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

Lot#1

Warranties

HVAC Equipment						
Sr. No.	**Item**	**Description**	**Manufacturer**	**Product No.**	**Unit**	**Qty**
1	Chiller	120kw	UNIFLAIR	TRAC1421A	No.	3
2	Pumps	10HP	KSB	JL1090	No.	3
3	Stulz	15kw	STULZ	150 CW	No.	3
4	In Row RC	-	APC	ACRC301S	No.	7
5	In Row RP	43kw	APC	ACRP502	No.	4
6	Celling Fan	Mini fan for controlling humidity	-	-	No.	4
7	Temperature Sensors	For sensing change in temperature	-	-	No.	19
8	Humidity Sensors	For sensing change in humidity level	-	-	No.	44
Electrical Equipment						
Sr. No.	**Item**	**Description**	**Manufacturer**	**Product No.**	**Unit**	**Qty**
1	Netbotz	Sensor Monitoring	APC	NBRK0570, NBPD0150	No.	9
2	Circuit Breaker	Electric Breakers	SCHNEIDER	-	No.	87
3	Electrical Panel	Main Panel=5 MCC= 2	PRISMA	-	No.	3
4	AVR	300KVA	ORTEA	-	No.	1
5	UPS	250KVA	APC	SY125K500D R-PDNB	No.	2
6	PDU	Power Distribution	SCHNEIDER	-	No.	96
7	PDPM	Power Distribution & Power Management	SCHNEIDER	Pdpm-277H	No.	45
8	Motion Sensor	For sensing any motion in camera view	-	-	No.	13

Fire Detection & Suppression Equipment						
Sr. No.	**Item**	**Description**	**Manufacturer**	**Product No.**	**Unit**	**Qty**
1	Vesda Device	Xtralis(Very Early Smoke Detector)	Cheetah Fike	10-068	No.-	7
2	Smoke Sensors	Senses smoke	Cheetah Fike	-	No.-	27
3	Vesda Nozzles	Xtralis	Cheetah Fike	-	No.-	58
4	Vesda Panel	Xtralis	Cheetah Fike	-	No.-	2
5	Fire Buzzer	Buzzes alarm in the event of any detected hazard	Cheetah Fike	-	No.-	7
6	Fire Extinguisher Cylinders	FM200	FENWAL	-	No.-	8

On Site Level 1 Resident Engineers to work in Shifts						
1	Resident Engineer	Working in shifts HVAC-1 / Electrical-1 / 8 hours shift	-	-	No.	2
2	Resident Supervisor	8 hours shift	-	-	No.	1

Note:

1. All related and in path infrastructure including piping, valves, electrical cables, switches, changeovers, breakers, sensors, etc. and related parts in HVAC, Electrical, fire alarm & suppression systems would come under the subject contract. Detailed BOQ of relevant installations is attached at ANNEX-J.
2. Interested firms may visit Datacenter facility for detailed understanding of installations.

Lot#2

Principle backed warranties for APC / Schneider equipment

HVAC Equipment

Sr. No.	Item	Description	Manufacturer	Product No.	Unit	Qty
1	Chiller	120kw	UNIFLAIR	TRAC1421A	No.	3
2	Pumps	10HP	KSB	JL1090	No.	3
3	Stulz	15kw	STULZ	150 CW	No.	3
4	In Row RC	-	APC	ACRC301S	No.	7
5	In Row RP	43kw	APC	ACRP502	No.	4
6	Celling Fan	Mini fan for controlling humidity	-	-	No.	4
7	Temperature Sensors	For sensing change in temperature	-	-	No.	19
8	Humidity Sensors	For sensing change in humidity level	-	-	No.	44

Electrical Equipment

Sr. No.	Item	Description	Manufacturer	Product No.	Unit	Qty
1	Netbotz	Sensor Monitoring	APC	NBRK0570, NBPD0150	No.	9
2	Circuit Breaker	Electric Breakers	SCHNEIDER	-	No.	87
3	Electrical Panel	Main Panel=5 MCC= 2	PRISMA	-	No.	3
4	AVR	300KVA	ORTEA	-	No.	1
5	UPS	250KVA	APC	SY125K500D R-PDNB	No.	2
6	PDU	Power Distribution	SCHNEIDER	-	No.	96
7	PDPM	Power Distribution & Power Management	SCHNEIDER	Pdpm-277H	No.	45
8	Motion Sensor	For sensing any motion in camera view	-	-	No.	13

Fire Detection & Suppression Equipment

Sr. No.	Item	Description	Manufacturer	Product No.	Unit	Qty
1	Vesda Device	Xtralis(Very Early Smoke Detector)	Cheetah Fike	10-068	No.-	7
2	Smoke Sensors	Senses smoke	Cheetah Fike	-	No.-	27
3	Vesda Nozzles	Xtralis	Cheetah Fike	-	No.-	58
4	Vesda Panel	Xtralis	Cheetah Fike	-	No.-	2
5	Fire Buzzer	Buzzes alarm in the event of any detected hazard	Cheetah Fike	-	No.-	7
6	Fire Extinguisher Cylinders	FM200	FENWAL	-	No.-	8

On Site Level 1 Resident Engineers to work in Shifts

1	Resident Engineer	Working in shifts HVAC-1 / Electrical-1 / 8 hours shift	-	-	No.	2
2	Resident Supervisor	8 hours shift	-	-	No.	1

Note:

1. Warranties of APC/Schneider based equipment must be manufacturer/principal backed with supporting evidences and Principal provisioned SLA terms of manufacturer/principal.
2. All related and in path infrastructure including piping, valves, electrical cables, switches, changeovers, breakers, sensors, etc. and related parts in HVAC, Electrical, fire alarm & suppression systems would come under the subject contract. Detailed BOQ of relevant installations is attached at ANNEX-J.
3. Interested firms may visit Datacenter facility for detailed understanding of installations.

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._____ 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 supply of _____related to the assignment.

We also confirm that the Government of Pakistan / Punjab has not declared us, or any, 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.

We remain,

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 No._____ dated _(insert date)_ and our Technical 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 _____ 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.

Signed
In the capacity of:
Duly authorized to sign the proposal on behalf of the Applicant.
Date:

ANNEXURE-D

Price Schedule / Financial Cost Sheet

Lot # 1

Equipment / Items for which warranty and support is required											
(A) HVAC Equipment											
						Year-1 Cost		Year-2 Cost		Year-3 Cost	
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Chiller	120kw	UNIFLAIR	TRAC1421A	3						
2	Pumps	10HP	KSB	JL1090	3						
3	Stulz	15kw	STULZ	150 CW	3						
4	In Row RC	-	APC	ACRC301S	7						
5	In Row RP	43kw	APC	ACRP502	4						
6	Celling Fan	Mini fan for controlling humidity	-	-	4						
7	Temperature Sensors	For sensing change in temperature	-	-	19						
8	Humidity Sensors	For sensing change in humidity level	-	-	44						
Total Cost (A)								-		-	
(B) Electrical Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Netbotz	Sensor Monitoring	APC	NBRK0570, NBPD0150	9						
2	Circuit Breaker	Electric Breakers	SCHNEIDER	-	87						
3	Electrical Panel	Main Panel=5 MCC= 2	PRISMA	-	3						
4	AVR	300KVA	ORTEA	-	1						
5	UPS	250KVA	APC	125K500DR-PDI	2						
6	PDU	Power Distribution	SCHNEIDER	-	96						
7	PDPM	Power Distribution & Power Management	SCHNEIDER	Pdpm-277H	45						
8	Motion Sensor	For sensing any motion in camera view	-	-	13						
Total Cost (B)								-		-	
(C) Fire Detection & Suppression Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Vesda Device	Xtralis(Very Early Smoke Detector)	Cheetah Fike	10-068	7						
2	Smoke Sensors	Senses smoke	Cheetah Fike	-	27						
3	Vesda Nozzles	Xtralis	Cheetah Fike	-	58						
4	Vesda Panel	Xtralis	Cheetah Fike	-	2						
5	Fire Buzzer	Buzzes alarm in the event of any detected hazard	Cheetah Fike	-	7						
6	Fire Extinguisher Cylinders	FM200	FENWAL	-	8						
Total Cost (C)								-		-	
(D) On Site Level 1 Resident Engineers to work in Shifts											
Sr. No.	Description	Timings	Manufacturer	Quantity (1)		Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (2)	Total Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (4)	Total Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (6)	Total Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Resident Engineers	Working in shifts HVAC-1 / Electrical-1 / 8 hours shift	N / A	2							
2	Resident Supervisor	8 hours shift		1							
Total Cost (D)											
TOTAL (A, B, C & D)							X-1	-	X-2	-	X-3
Total Cost for 3 years											Y=X-1+X-2+X-3

NOTE:

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

(ii) Prices must be quoted for all items.

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

(iv) All related and in path infrastructure including piping, valves, electrical cables, switches, changeovers, breakers, sensors, etc. and related parts in HVAC, Electrical, fire alarm & suppression systems would come under the subject contract. Detailed BOQ of relevant installations is attached at ANNEX-J.

(v) Interested firms may visit Datacenter facility for detailed understanding of installations**.**

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 bid.

Lot # 2

Table-1: Equipment / Items for which warranty amount will be paid on quarterly basis											
(A) HVAC Equipment											
						Year-1 Cost		Year-2 Cost		Year-3 Cost	
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Pumps	10HP	KSB	JL1090	3						
2	Stulz	15kw	STULZ	150 CW	3						
3	Celling Fan	Mini fan for controlling humidity	-	-	4						
4	Temperature Sensors	For sensing change in temperature	-	-	19						
5	Humidity Sensors	For sensing change in humidity level	-	-	44						
Total Cost (A)								-		-	
(B) Electrical Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Electrical Panel	Main Panel=5 MCC= 2	PRISMA	-	3						
2	AVR	300KVA	ORTEA	-	1						
3	Motion Sensor	For sensing any motion in camera view	-	-	13						
Total Cost (B)								-		-	
(C) Fire Detection & Suppression Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Vesda Device	Xtralis(Very Early Smoke Detector)	Cheetah Fike	10-068	7						
2	Smoke Sensors	Senses smoke	Cheetah Fike	-	27						
3	Vesda Nozzles	Xtralis	Cheetah Fike	-	58						
4	Vesda Panel	Xtralis	Cheetah Fike	-	2						
5	Fire Buzzer	Buzzes alarm in the event of any detected hazard	Cheetah Fike	-	7						
6	Fire Extinguisher Cylinders	FM200	FENWAL	-	8						
Total Cost (C)								-		-	
(D) On Site Level 1 Resident Engineers to work in Shifts											
Sr. No.	Description	Timings	Manufacturer	Quantity (1)		Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (2)	Total Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (4)	Total Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate / resource / year (Incl. all Taxes if applicable) Rs. (6)	Total Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Resident Engineers	Working in shifts HVAC-1 / Electrical-1 / 8 hours shift	N / A	2							
2	Resident Supervisor	8 hours shift		1							
Total Cost (D)											
TOTAL (A,B,C & D) - Table-1							X-1	-	X-2	-	X-3
Table-2: Equipment / Items for which warranty amount will be paid upfront											
(A) HVAC Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Chiller	120kw	UNIFLAIR	TRAC1421A	3						
2	In Row RC	-	APC	ACRC301S	7						
3	In Row RP	43kw	APC	ACRP502	4						
Total Cost (A)								-		-	
(B) Electrical Equipment											
Sr. No.	Item	Description	Manufacturer	Product No.	QTY -1	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (2)	Total Warranty Cost / year (Incl. all Taxes) Rs (3=1x2)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (4)	Total Warranty Cost / year (Incl. all Taxes) Rs (5=1x4)	Unit Rate - Warranty Cost / year (Incl. all Taxes if applicable) Rs. (6)	Total Warranty Cost / year (Incl. all Taxes) Rs (7=1x6)
1	Netbotz	Sensor Monitoring	APC	NBRK0570, NBPD0150	9						
2	Circuit Breaker	Electric Breakers	SCHNEIDER	-	87						
3	UPS	250KVA	APC	'I25K500DR-PD	2						
4	PDU	Power Distribution	SCHNEIDER	-	96						
5	PDPM	Power Distribution & Power Management	SCHNEIDER	Pdpm-277H	45						
Total Cost (B)								-		-	
Total (A & B) - Table-2							Y-1	-	Y-2	-	Y-3
Total Cost (Year wise)							Z-1=X-1+Y-1	-	Z-2=X-2+Y-2	-	Z-3=X-3+Y-3
Total Cost for 3 years											T=Z-1+Z-2+Z-3

NOTE:

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

(ii) Prices must be quoted for all items.

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

(iv) All related and in path infrastructure including piping, valves, electrical cables, switches, changeovers, breakers, sensors, etc. and related parts in HVAC, Electrical, fire alarm & suppression systems would come under the subject contract. Detailed BOQ of relevant installations is attached at ANNEX-J.

(v) Interested firms may visit Datacenter facility for detailed understanding of installations**.**

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 bid.

ANNEXURE-E

Format for Covering 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. (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

(To be submitted on legal stamp paper)

AFFIDAVIT

(Integrity Pact)

We _(Name of the bidder / supplier)_ 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. _____, Tender 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 2020.

GUARANTOR

Signature _____

CNIC # _____

Name _____

Designation _____

Address_____

ANNEXURE-J

BOQ – LOT # 1 & 2

PART – 01

BOQ					
Sr #	flexible Copper Bus Bars	Manufacturer	Part No.	Qty	Unit
1	Electrical Panel				
1.1	LV Electrical Panel - Type Tested	Schneider Electric	Prisms Plus	1	Nos.
1.2	Flexible Copper Bus Bars				
1.3	Remote Monitoring through TCP/IP, Touch Screen and Energy Analyzers				
1.4	DCIM Connectivity to NOC screen				
1.5	Two Mains incoming circuits with bus coupling, All breakers above 500A should be ACB, 50KA, all breakers above 32A should be MCCB, 50KA, all breakers to be 4 Poles or 3 pole as mentioned in Technical Part of RFP				
1.6	2 x 240KW UPS incoming & outgoing through ACB for POD-1 & 2				
1.7	2 x 120KW UPS incoming & outgoing through ACB for POD-3				
1.8	MCC for POD-1, 2 & 3: AC outgoing through MCCB, ACs to be powered through both sources	Schneider Electric	Prisma Plus	1	Nos.
1.9	Lighting DB	Schneider Electric	Disbo Extra	1	Nos.
2	UPS System with Non Hotswapable Batteries				
2.1	Network Monitoring Card APC by Schneider	APC by Schneider	SYBFF	2	
2.2	3-Pole Circuit Breaker, 400A, T5 Type for APC by Schneider	APC by Schneider	Symmetra PX250/500kW PD3P400AT5B	4	
2.3	APC Symmetra PX 125kW Scalable to 500kW with APC by Schneider Maintenance Bypass and Distribution, No Batteries	APC by Schneider	SY125K500DR-PDNB	1	
2.4	Adaptor for T5 Type Circuit APC by Schneider Breaker, 3 Pole	APC by Schneider	PD3PADAPT5	2	
2.5	APC Symmetra PX 125kW Scalable to 500kW with APC by Schneider Maintenance Bypass Left, Distribution & No Batteries	APC by Schneider	SY125K500DL-PDNB	1	
2.6	APC Symmetra PX 500kW Battery Breaker Enclosure with Fuse Kit for Third Party Batteries	APC by Schneider	SYBBE5ODK500D	2	
2.7	APC Symmetra PX 25kW Power Module, 400/480V	APC by Schneider	SYPM25KD	10	
2.8	EMPTY BATI. CUBICLE 4 SHELV 1400 STD	APC by Schneider	0M-G7TAB3	1	
2.9	EMPTY BATT CUBICLE 4 SHELV 1000 STD	APC by Schneider	0M-G7TA B2	1	
2.10	EMPTY BATT CUBICLE 4 SHELV 1400 STD	APC by Schneider	OM-G7TAB3	1	
2.11	EMPTY BATT CUBICLE 4 SHELV 1000 STD	APC by Schneider	OM-G7TAB2	1	
2.12	PRODUCT SYMMETRA PX SYPX 250KW - ONE BLOCK OF YUASA SWL2500 BATTERY	YUASA	SWL2500	192	
2.13	PRODUCT SYMMETRA PX SYPX 250KW - BATTERY ISOLATION BOX FOR 250A WITH 2 FUSES AND 2 LINKS	APC by Schneider		4	
3.0	Electrical PDU for POD 1 & 2				
3.1	Electrical PDU for POD 1 & 2 Electrical PDU's for POD 1 & 2 with circuit breaker level monitoring and connectivity with DCIM	APC by Schneider	PDPM277H	4	Nos.
3.2	3x1 Pole 3 Wire 32A Breaker Modules with 3x6 sq mm size of cables to connect with Rack PDU	APC by Schneider	PDM1332IEC-3P	40	
3.3	APC Modular IT Power Distribution Cable Extender 3 Wire 324 IEC309 120cm	APC by Schneider	PDX332IEC-120	10	Nos.
3.4	APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 240cm	APC by Schneider	PDX332IEC-240		Nos.
3.5	APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 480cm	APC by Schneider	PDX332IEC-480	6	Nos.
3.6	3 Pole 5 Wire 32A Breaker Modules with 5x6mm size of cables to connect with Rack PDU	APC by Schneider	PDM3532IEC-140	4	Nos,

4.0	Power Cabling				
4.1	3x 1x 240 sq rnm per phase from Riser to Electrical Panel	Top Cable, Spain	H07RN-F	1350	Mtr
4.2	1 x 1 x 240 sq mm for neutral from Riser to Electrical Panel	Top Cable, Spain	HO7RN-F	150	Mtr
4.3	1 x 1 x 24D sq mm per phase for UPS Incoming from Electrical Panel and Outgoing to Electrical PDU	Top Cable, Spain	HO7RN-F	200	Mtr
4.4	1 x 1 x 240 sq mrn for Neutarl for UPS Incoming from Electrical Panel and Outgoing to Electrical PDU	Top Cable, Spain	1-107RN-F	100	Mtr
4.5	2 x 1 x 70 sq mm for Grounding from riser to LV panel	Top Cable, Spain	1-107RN-F	1000	Mtr
4.6	1 x 1 x 70 sq mm for UPS Grounding	Top Cable, Spain	HO7RN-F	500	Mti-
4.7	16 sq mm Score for AC's in Data Center	Top Cable, Spain	1-107RN-F	200	Mtr
4.8	6 sq mm 5Core for AC's in Data Center	Top Cable Spain	I-107RN-F	300	Mtr
4.9	6 sq mm 5Core for AC's in Electrical Rooms, UPS Room & Staging	Top Cable, Spain	H07RN-F	250	Mtr
4.10	4 sq mm 3Core for MDF Racks	Top Cable, Spain	I-107RN-F	200	Mtr
4.11	32AThree Pin Industrial Sockets for MDF Racks	Clipsal		8	Nos.
4.12	2.5 sq mm 3Core for ancillary equipment	Top Cable, Spain	HO7RN-F	250	Mtr
4.13	1.5 sq mm for lights	Local		10	Coils
4.14	Earthling Bus Bars	Local		6	Nos. 62,653 .50
4.15	Wiring Accessories	Local		I.	LS
4.16	Laying & Termination	Local		1	Job
7	Power, Communication and Chilled Water Trays				
7.1	Galvanized Cable Tray far Power and Cooling	Local		250	Mtr
7.2	Mesh Tray for Data Cabling	Wibe		30	Mtr
7.3	Overhead Power Cable Trough for POD-1 & 2				
7.4	Cable Ladder 6" (15cm) Wide w/Ladder Attachment Kit (AR8166ABLK)	APC by Schneider	AR8164ABLK	2	Nos.
7.5	Cable Ladder 12" (30cm) Wide w/Ladder Attachment Kit (AR8166ABLK)	APC by Schneider	AR8165ABL K	2	Nos.
7.6	Cable Trough, Open Bottom, 600mm	APC by Schneider	AR8560		Nos.
7.7	Cable Trough, 600mm	APC by Schneider	AR8561	44	Nos.
7.8	Cable Trough, 750mm	APC by Schneider	AR8571	4	Nos.
7.9	Cable Trough, Open Bottom, 300mm	APC by Schneider	AR8580	12	Nos.
7.10	Overhead Data Cable Trough for POD-1 & 2	APC by Schneider			
7.11	Data Cable Partition, NetShelter, 600mm Wide	APC by Schneider	AR8162ABLK	44	Nos.
7.12	Data Cable Partition, NetShelter, 600mm Wide, pass-through	APC by Schneider	AR8163ABLK		Nos.
7.13	Data Cable Partition, NetShelter, 750mm Wide	APC by Schneider	AR8172BLK	4	Nos.
7.14	Data Cable Partition, NetShelter, 750mm Wide, pass-through	APC by Schneider	AR8173BLK	4	Nos.
7.15	InRow Bridge Partition, Data Cable 300 MM	APC by Schneider	ACAC1000S	8	Nos.
7.16	InRow Bridge Partition, Data Cable 600 MM	APC by Schneider	ACAC10010	4	Nos.
7.17	Cable Partition, 300mm	APC by Schneider	AR8184	4	Nos.
7.18	Overhead Fiber Runner for Fiber from MDF to Racks for POD-1 & 2		Conteg	1	Nos.
8	Precision Air Conditioners				
8.1	lnRow type chilled water unit capacity 42 kw, floor standing complete in with all accessories.	APC by Schneider	ACRP502	4	Nos
8.2	InRow type chilled water unit capacity 15 kw, floor standing complete with all accessories.	APC by Schneider	ACRC301S	8	Nos
8.3	Chilled water distribution Unit having 10-12 chilled water circuits, Bottom/Top mains in-coming and out-going distribution piping option	APC by Schneider	ACFD12-B	2	Not
9	Headers for Cooling system				
9.1	Headers for cooling system			3	Nos
9.2	CDU stands made of steel.			2	Nos
9.3	PEX piping size 1-1/4" dia between small capacity Inrow units to CDU, with insulation, supports and metallic drip tray complete in all respect.			250	Mtr

9.4	M.S pipe network of different sizes, seamless schedule 40 for chilled water, from main chilled water tape off to CDU and to 42KW Inrow units, along with thermal insulation, cladding where necessary and supports complete in all respect.			150	Mtr
9.5	Pipe accessories; valves, strainers, flexible joints, couplings etc with thermal insulation, cladding where necessary complete in all respect			1	
9.6	Condensate water UPVC piping of different sizes between 1/1/2" — 1" dia complete in all respect.			300	Mtr
9.7	PPRC pipe size 1" dia for humidifier water supply complete in all respect.			300	Mtr
9.8	Network monitoring system along with wiring complete with conducting, laying & termination.			1	hod
10	Upflow Air Conditioners				
10.1	Chilled water floor standing computer room air handier (CRAC) units capacity 15 kw. Complete with humidity / de-humidifier, LCD and discharge air plenum.	Stulz/Uniflair		7	Nos
10.2	Network Monitoring Card	Stulz/Uniflair		1	Nos
11	CRAC Unit Accessories				
11.1	CRAC units stands made of steel.			7	Nos
11.2	PEX piping size 14/4" dia between CRAH units to CDU, with insulation, supports and metallic drip tray complete in all respect.			150	mtr
11.3	Pipe accessories; valves, strainers, flexible joints, couplings etc. with thermal insulation, cladding where necessary complete in all respect			1	Lot
11.4	Condensate water UPVC piping of different sizes between 1/1/2" — 1" dia complete in all respect.			100	m
11.5	PPRC pipe size 1" dia for humidifier water supply complete in all respect.			100	m
11.6	Network monitoring system along with wiring complete with conducting laying & termination.			1	Job
14	Environmental Monitoring System				
14.1	NetBotz Rack Monitor 570	APC by Schneider	NBRK0570	4	Not.
14.2	NetBotz Rack Sensor Pod 150	APC by Schneider	NBPD0150	6	Nos.
14.3	APC Temperature & Humidity Sensor	APC by Schneider	AP9335TH	48	Nos.
14.4	NetBotz Leak Rope Sensor 20 ft.	ARC by Schneider	NBES0308		Nos.
14.5	NetBotz Leak Rope Extension - 20 ft.	APC by Schneider	NBES0309		Nos.
14.6	APC 24 Port 10/100 Ethernet Switch	APC by Schneider	AP9224110		Nos.
14.7	Horizontal Cable Organizer 1U w/brush strip	APC by Schneider	AR8429	4	Nos.
14.8	StruxureWare Data Center Expert Basic	APC by Schneider	AP9465	1	Nos.
14.9	StruxureWare Data Center Expert; 25 Node License Only	APC by Schneider	AP9525	1	Nos.
20	Rodent Repellent System				
20.1	Ultrasonic Rodent repellent devices in all rooms of the DC			10	Nos
22	FM-200 Fire Suppression System with Existing Cylinders				

22.1	FM-200 Suppression System For Class A & C fires, Complete with FM-200 Cylinders/ containers, Manual Actors, Solenoid Actuators, Discharge Nozzles, Black steel SCH 40 seamless piping network as per UL&FM/ VdS flow calculation Software, planting & finishing and Caution signs for Following Rooms ***Preferably existing FM-200 Cylinder Hardware shall be used where possible.*** ***Each Cylinder should be equipped with:*** i)Pressure indicating gauge ii)Anti-recoil cap iii)Burst disc iv)Liquid level indicator v)Valve Assembly vi)Electric solenoid Actuator assembly vii)Manual Actuator viii)Low pressure switch IX) any other component required to complete the system as per manufacturer requirement. **UL Listed, FM / Vd5 Approved**			-	-
22.2	Data Center (POD-1) Room + False Ceiling + Raised Floor Dimensions(Area= 861 sq. ft X14 ft) FM-200 @7%		Existing cylinder (4X700lbs & 2X100lbs) shall be used in POD-1, & POD-2 in Main & Reserve topology.	1	Lot
22.3	Data Center (POD-2) Room + False Ceiling + Raised Floor Dimensions(Area= 937 sq. ft X14 ft) FM-700 @7%				
22.4	Staging Area (Room + False Ceiling + Raised Floor) Dimensions(Area= 173 sq. ft X14 ft) FM-200 @7%		Existing Cylinder (2X350lbs) shall be used in staging area and electrical room in main / reserve topology.	1	Lot
22.5	Electrical Room (Room + False Ceiling + Raised Floor) Dimensions(Area= 205 sq. ft X14 ft) FM-200 @7%				
22.6	Battery Room (Room + False Ceiling + Raised Floor) Dimensions(Area 205 sq. ft X14 ft) FM-200 @7%		Existing Cylinder (2X350lbs) shall be used in battery room and UPS room in main / reserve topology.	1	Lot
22.7	UPS Room (Room + False Ceiling + Raised Floor) Dimensions(Area 396 sq. ft X14 ft) FM-200 @7%				
Addressable/Intelligent Fire Detection for Data Center (POD 1, POD-2, POD-3), Electrical Room, Battery room, UPS Room, Staging area, CDU Room, NOC & Corridor					
23	**INTELLIGENT DETECTOR ADDRESSABLE**	_	_		
23.1	Intelligent Addressable Detector , Smoke detection should be "Photoelectric' Type, with stable performance in high air velocities, The Detector equipped with remote annunciator and output contact option connected with mounting base, with low current draw stable performance in high air velocities, Built-in tempe base design remote LED option, removable cover and Built-in test switch. Etandheld/software sensitivity reader available. An integrated circuit incorporates signal processing to reduce false alarm. The Detector should be Loop Powered. Operating voltage 15-30VDC and Operating range temperature up to SOT. Smoke Sensitivity range should up to 4% per foot. The Detector should have provision to connect remote (external) LED light for status monitoring. The Detector should be supply with a standard back Box/Base. The Detector should be compatible with Control Panel. Approvals: UL,FM / VDS Approved			75	Nos.

23.2	Loop Powered, intelligent Addressable Manual Release Points with integrated short circuit isolator, LED indicator and test Key. Operating voltage 15-30V DC. The MRP should be supply with a standard back Box/Base, The MCP should be compatible with Panel (Controller). Approvals; UL,FM / VDS Approved			8	Nos.
23.3	Loop Powered, intelligent Addressable Manual Abort Station, Operating voltage 15-30V DC. The Abort station should be supply with a standard back Box/Base. The Abort Station should be compatible with Panel (Controller). Approvals: UL,FM VDS Approved			8	Nos.
23.4	Intelligent Addressable Release Module with, Operating voltage 15-30V DC. The Release Module should be supply with a standard back Box/Base. The Release Module should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.5	Horn Strobe complete with all accessories Operating voltage 15-30V DC, The Horn Strobe should be supply with a standard back Box/Base. The Horn Strobe should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.6	6 inch dia Motor Bell Operating voltage 15-30V DC. The Bell should be supply with a standard back Box/Base. The Bell should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.7	Loop Powered, intelligent Addressable Control Module For Bell & Horn Strobe, Operating voltage 15-30V DC. The Control Module should be supply with a standard back Box/Base. The Control Module should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.8	Loop Powered, intelligent Addressable Relay Module for HVAC Shutdown Operating voltage 15-30V DC. The Relay Module should be supply with a standard back Box/Base. The Relay Module should he compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.9	Loop Powered, intelligent Addressable Monitor Module for Low pressure Switch, Operating voltage 15-30V DC. The Monitor Module should be supply with a standard back Box/Base. The Monitor Module should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			8	Nos.
23.10	Loop Powered, intelligent Addressable Mini Monitor Module for Abort Switch, Low Pressure Switch Operating voltage 15-30y DC. The Mini Monitor Module should be supply with a standard back Box/Base. The Mini Monitor Module should be compatible with Panel (Controller) Approvals: UL,FM / VDS Approved			16	Nos.
23.11	Main / Reserve Switch. The Main / Reserve Switch should be supply with a standard back Box/Base. The Main / Reserve Switch should be compatible with Panel (Controller) Approvals: UL,FN1/VDS Approved			3	Nos,
23.12	Fire Alarm system including Wiring for system components with 2x1.5sq,mm PVC shielded cable in 20mm dia PVC conduit and as required complete with junction box and all accessories.			1	Job
	iii)- Intelligent Aspiration VESDA Detection System.				
24	Multiple Zone/inlet VESDA for Data Center Area (POD-1 & POD-2). System should be integrated with intelligent Fire Detection Panel. (VLS-204)			2	Nos.

24.1	Single Zone/inlet VESDA for Data Center Area (Battery Room, Electrical Room, Staging Area, UPS Room). System should be integrated with intelligent Fire Detection Panel. (VLF-250)			5	Nos.
24.2	Sampling pipe network as per manufacturer's recommendation and VESDA design software, complete with all type of supports, fittings & accessories, complete in all respect. Sampling Capillaries should be provided for a;; critical equipment monitoring.			1	Job
25	**Miscellaneous Items**				
a.	HEPA filter based Vacuum cleaner Dyson with extra filters	Dyson	DC39	3	
b.	Air Purification system for Data Center - with extra filters	Amaircare		3	
c.	Water detection cables below raised Floor with monitoring system- SO mtr		Already covered in EMS	3	No.
d.	APC 2X1X16 IP KVM with APC 17" Rack LCD and USB VM Server Module Bundle	APC by Schneider	KVM-BN001	3	No.
e.	APC KVM 2G, Server Module, USB	APC	KVM-USB	48	
f.	Fire extraction dampers from data centers complete with grill, motorized dampers and extraction fans up to building external area to remove smoke/ gas In case of fire. These dampers should be integrated with the fire suppression system of each data centers.			3	Job

PART – 02

BOQ

Sr #	Description of Items	Manufacturer	Part No.	Qty	Unit
Item No.1 (Electrical Panel)					
1	LV Electrical Panel - Type Tested, MCC to be Powered through two sources with Flexible Copper Bus Bars and Energy Analyzers	scheider Electric Prisma Plus		1	Nos.
2	Electrical panel inclusive Star Delta starter for HVAC pumps	scheider Electric Prisma Plus		1	Nos.
3	Integration and configuration of the complete system with existing DCIM of the facility for remote monitoring and control.	scheider Electric Prisma Plus		1	Nos.
4	2 X 1 x 240 sq mm per phase from LT Room to Data Center Electrical Room	Top Cable Spain		1300	Mtr
5	1 x 150 sq mm for MCCB Input source	Top Cable Spain		350	Mtr
6	5 x 95 sq mm for Start Delta Panel & chiller input	Top Cable Spain		185	Mtr
7	5 x 50 sq mm for Pump input	Top Cable Spain		85	Mtr
8	Wiring Accessories	CNS		1	LS
	ITEM NO.1: Total Price PKR (Incl. all taxes)				
Item No.2 (AUTOMATIC VOLTAGE REGULATOR (AVR))					
1	300 KV ±20% Three-Phase Digital Automatic Voltage Stabilizer. Having three separate control circuits, individually regulate each phase and suitable for unbalanced lines between phases up to 100%. 300 KVA Automatic Voltage Regulator (AVR) Input Voltage: Input Voltage Range 320-480 VAC, Frequency 50 / 60Hz. Protection IP21, Approx. Weight: 1300Kg.	ORTERA, Italy		1	Nos.
	ITEM NO.2: Total Price PKR (Incl. all taxes)				
Item No.3 (CHILLER & HVAC WORKS)					

1	DX Based Air cooled water chillers of capacity 120-KW each, operable on 400 volts 50-Hz with compatibility of Network configuration for Precision application, at site complete in all respect	Scheider Electric Uniflair		2	Nos.
2	Cassette Type Fan coil unit Capacity 2TR, of approved brands as specified complete in all respect	MIDEA		1	Nos.
3	End Suction, Centrifugal type Chilled Water Pumps of Minimum 70% efficiency with suitable Motor & efficiency for 100-GPM Flow with 125' feet-Head , Bronze Impeller, Coupling Guard and leveled Common Metal Base, high efficiency bearing with block & Mechanical Seal Complete in all respect (bidder has to re-calculate the pump head, prior to order, in accordance with actual chiller location and piping route)	KSB		3	Nos.
4	Pressurized Expansion Tank For Chilled Water Circuit suitable for system volume to be calculated by vendor, Max system Pressure of 80-100Psi Complete with , Base Platform, Air Vent , Drain Cocks, Service Cock, Connection Ports, Insulation, Make Up Water Connection, Cladding etc. at proposed location on drawings or as advised by site engineer / in charge	IME		1	Job
5	Air Separator unit complete with Gauges, Cock, Water Intake Connections, and Stand, support & allied accessories and instrument complete in all respect.	IME		1	Job
6	Complete Chemical Dosing solution Manual "Chilled water Close Circuit suitable for water volume of 3.4-Cubic Meter" with related Inspection, testing & Dosing Arrangements near to chillers.	Local		1	Job
7	Following Seamless MSSchedule-40 Piping system with all matching fittings, Connections, Welding, fabrication, Painting where necessary, Permanent Metallic supports / Hangers as per Drawing details & route shown on drawings or advised by engineer /PM, complete in all respects	Huffaz			
7.1	Dia 5"			80	RFT
7.2	Dia 4"			775	RFT
7.3	Dia 3"			250	RFT
7.4	Dia 2-1/2"			135	RFT
7.5	Dia 2"			24	RFT
7.6	Dia 1-1/2"			180	RFT
7.7	Dia 1"			12	RFT
7.8	Dia 3/4"			12	RFT
8	**High Density Fire rated FM-Approved Elastomeric Close Cell 25mm-Thick insulation with Vapor Barrier, Wrapping, Sealing for following Size of Piping, Complete in all respects as advised by engineer /PM.**	Armaflex			
8.1	Dia 5"			80	RFT
8.2	Dia 4"			775	RFT
8.3	Dia 3"			250	RFT
8.4	Dia 2-1/2"			135	RFT
8.5	Dia 2"			24	RFT
8.6	Dia 1-1/2"			180	RFT
8.7	Dia 1"			12	RFT
8.8	Dia 3/4"			12	RFT
9	Prime quality G.I sheet cladding with on exposed or where necessary chilled water piping and accessories complete with Cutting, Fitting, Sealing in all respect			4500	RFT
10	**Superior quality & following size of Gate Valve with matching flanges, Gaskets & Supports as per drawings, Complete in all respects**	Imported, South Africa, SCON			

10.1	Dia 4"			8	Nos.
10.2	Dia 3"			6	Nos.
10.3	Dia 2-1/2"			8	Nos.
10.4	Dia 1- 1/2"			18	Nos.
10.5	Dia 1"			2	Nos.
10.6	Dia 3/4"			3	Nos.
11	**Superior quality & following size of Butter fly valves with matching flanges, Gaskets & Supports as per drawings, Complete in all respects**	SCON			
11.1	Dia 3"			12	Nos.
11.2	Dia 2-1/2"			4	Nos.
12	**Superior quality of following size of Combination Flow Regulating Valve "CFRV" with matching Fittings, support & Finishing as per drawing Complete in all respects**	SCON			
12.1	Dia 3"			3	Nos.
12.2	Dia 2-1/2"			3	Nos.
12.3	Dia 1-1/2"			10	Nos.
12.4	Dia 3/4"			2	Nos.
13	**Superior quality Y-Type Strainer for Piping circuit of following size with all matching Fittings & Finishing as per drawing & Complete in all respects**	SCON			
13.1	Dia 3"			3	Nos.
13.2	Dia 2-1/2"			4	Nos.
13.3	Dia 1-1/2"			5	Nos.
14	**Superior quality & following size of Swing Type Check Valve on Pumps discharge & at chillers with all Fitting & Finishing as per drawing & Complete in all respects**	SCON			
14.1	Dia 3"			5	Nos.
14.2	Dia 2-1/2"			2	Nos.
15	**Best quality bronze Ball Valve with Reducer & Sockets Complete with sockets**	KITZ			
15.1	Dia 1"			2	Nos.
15.2	Dia 3/4"			4	Nos.
16	**Rubber flexible connector with matching flanges, includes all Fitting, cutting & supports, complete in all respects**	TOZEN			
16.1	Dia 3"			3	Nos.
16.2	Dia 2-1/2"			3	Nos.
17	2way Motorized valve ON/OFF two positions, operable on 220v, for fan coil unit complete in all respect.	Imported, China		1	Nos.
18	GI Pipe , with fittings & connections for makeup water supply for chillers / maintenance size 1 inch Dia with Valves, fittings, accessories, trucking and supports at roof top or proposed by engineer / PM complete in all respect.	IIL, Pakistan		40	RFT
19	Copper Pipe, size 1 inch Dia with insulation, tapping, fittings, accessories and supports for chilled water supply and return complete in all respect.	ZMC, China		16	RFT
20	Best Quality PPRC Pipe of Dia 1" for humidifier supply in DC & Chillers. Make up water at Roof-Top with all cutting, laying, supports, valve & connection with equipment complete in all respects as mentioned on existing drawings available with the purchaser.	Minhas, Pakistan		270	RFT

21	**Following size of UPVC Pipe best quality for Condensate Drain as per drawing & instruction of site In charge includes all Laying, insulating, rapping, , Fixing, Cutting, Routing, Units Connections "Complete in all respects**	Popular, Pakistan			
21.1	Dia 2.5"			250	RFT
21.2	Dia 1.5"			70	RFT
21.3	Dia 3.4"			24	RFT
22	4" Dial Type Pressure Gauge Glycerin Filled 1 to 5-Bar With Siphon & Cock Complete with sockets.	WIKA		12	Nos.
23	Colored alcohol filled best quality Thermometer of range 10 to 120 Fahrenheit With Cock & Valve complete with sockets	WIKA		12	Nos.
24	Superior Construction & Quality Air Vents with Shut Off Valve "Brass" Complete in All respect.	Imported, China		6	Nos.
25	Power cable 70mm Square 4core from each chiller to its correspond breaker inside Building Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect	Fast Cable		300	Mtr
26	Power cable 25mm Square 4core from each chilled water pump to its correspond breaker inside Building Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect	Fast Cable		200	Mtr
27	Power cable 16mm Square 4core from each chilled water pump to its correspond breaker inside Building Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect.	Fast Cable		300	Mtr
28	Power cable 10mm Square 4core from each chilled water pump to its correspond breaker inside Building Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect	Fast Cable		150	Mtr
29	Earth cable 70-mm Square 1core from each chiller to It's correspond Earth Point or Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect.	Fast Cable		100	Mtr
30	Earth cable 10-mm Square 1core from each chiller to its corresponding Earth Point or Panel, includes all Conducting, Laying, Dressing, Routing, & connections complete in all respect.	Fast Cable		100	Mtr
31	Electrical panel consist on 2 x star delta or equivalent starter two-chilled water pump complete in all respect.	JEI		1	Nos.
32	Communication wiring for integration between chiller, shielded flexible cable & Termination of HVAC Alarm Cable & Integration with BMS system for DC status complete in all respect	Beldan		1	Job
33	Copper piping connection of Fan coil units with motorized valves, control wiring, startup testing commissioning complete with all respect. Each fcu approx. 20ft piping @ 3/4".	Local		5	Nos.

ANNEXURE-K

Service Level Agreement (SLA) FOR LOT # 1 & 2

1. Fault Severity Levels

2. Incident/Fault Resolution & Resolution time

3. Operation Support & Maintenance Services Scope

4. Reporting Structure

5. MSO Pre requisites

6. Escalation Process

7. Tools

8. Resource Engagement Procedures

9. Spares List

10. Renewal

1. Fault Severity Levels Definitions:

1.1. High:

High level fault occurs when:

1.1.1. A critical element or arm of redundancy is affected or compromised, such that the critical equipment is still being supplied power and cooling, but there is only a single path / source of power or cooling part is available. All of the System redundancy is not available. In such a situation, if another similar failure happens, the operation of the critical equipment could be affected.

1.1.2.A combination of faults, although such occurrence is highly unlikely, as a result of which critical equipment is not being powered or cooled. In such a case, the operation of the critical equipment could be affected. In this situation, urgent actions need to be undertaken to bring back the system back to normal operation as soon as possible.

1.2. Medium:

Medium level fault occurs when: An element or component of the system is affected, but the system continues to operate, and redundant and parallel paths / sources of power are still available. In this situation, actions need to be taken to bring the system back to its normal condition.

1.3. Low:

Low level fault occurs when: An alarm or warning occurs in the system, and warrants attention, to review the situation and take corrective actions. It is important to take serious notice of a low level alarm because it may be a precursor to a serious fault, if not taken care of. Faults' target Resolution Times Criticality Level Target Resolution Time Status Update High 1 Hour Every 30 minutes. Medium 4 Hours Every 1 Hours Low 24 Hours Every 12 Hours

2. Incident/fault Resolution & Response time

	Problem or Error Classification		
	High	**Medium**	**Low**
Response Time	< 15 minutes	< 1 hours	< 4 hours
Restore Time	Continuous activity to restore in < 4 hours	< 8 hours	< 5 days
Permanent Resolution	Reasonable efforts to provide within 10 working days	20 working days	30 working days
Resource Allocation	Management and all appropriate technical resources	Appropriate technical resources	Technical resources as available

3. Operation Support & Maintenance Services Scope

3.1. Routine preventive maintenance.

3.1.1. Routine Preventive Maintenance Routine Preventive maintenance will consist of:

3.1.1.1. Cleaning of equipment, and logging of all measurements taken.

3.1.1.2. Checking the mechanical soundness of all components.

3.1.1.3. Simulation of operation and, if necessary, making adjustments to the electronic control circuits etc.

3.1.1.4. Checking and adjustment of all electronic supervisory and alarm.

3.1.1.5. Control checks on all electrical, mechanical and filter elements.

3.1.1.6. Advise of any parts found defective and replace.

3.1.1.7. Checking, replacement and maintenance of internal filters.

3.1.1.8. Monthly Water test of Chillers and CDU.

3.1.1.9. Compile shift wise, quarterly and annually comprehensive monitoring/maintenance checklists/ reports as per standard recommended maintenance requirements and submit one copy to the customer

3.2. Annual Preventive maintenance

3.2.1. Annual preventive maintenance of major devices including Chillers, Fire Control systems and electrical including AVR, UPS should be carried on annually basis as per recommendations of OEM and a comprehensive report must be shared with PITB.

3.2.2. Annual maintenance of Chillers must involve one-time chemical dosing/treatment of Water, cleaning of lines. However, if chilled water is drained during regular operations due to lack of maintenance or negligence on part of contractor and the subsequent water test is not satisfactory, contractor may have to perform/inject chemical dosing as required.

3.3. Repairs/replacement of the equipment in the event of failure.

3.3.1. Replacement parts must be genuine and of same origin as of the faulty/damaged/parts being replaced.

3.3.2. Replaceable/disposable parts having completed their duty cycles / recommended life must be replaced immediately at the end of their life. Only excluding UPS batteries and FM200. However, in case of accidental release of FM200 due to lack of maintenance or monitoring on part of contractor, the contractor would be responsible for the refill.

3.3.3. In case of any failure in parts / devices, the incident report must be shared with PITB Technical team immediately and the rational decision to replace or repair would be made as per recommendation of OEM.

3.3.4. Replacement / repair time of faulty parts must be in accordance with the resolution time mentioned in *Incident / fault Resolution & Response time* table above and should not in any case exceed one month **/ 30 days**.

3.3.5. During the replacement time contractor is responsible for the uptime of HVAC, Electrical, Fire control and related components under this maintenance contract.

3.4. Supply of Replacement Components/Spare List

3.4.1. CONTRACTOR will keep a good stock of Factory supplied spare parts / general category parts / devices for the 90% of the predictable faults and in case of required replacement the parts must be replaced in reasonable time and in accordance with the ***Incident / fault Resolution & Response time*** table above. Upon usage of these spares, CONTRACTOR will replenish these spare parts. The objective is to keep the Mean Time to Repair (MTTR) at a very low level, thereby minimizing the disruption to the customer's critical equipment.

4. Reporting Structure

Comprehensive reports should be generated as part of the routine service operation and shared with customer designated staff.

5. MSO Prerequisites

Purchaser will ensure the access to the Datacenter and equipment supplied by contractor. Specific Access by each engineer will be defined by contractor and approved by Purchaser Management. Working space for engineers will be the responsibility of the customer.

6. Escalation Procedures

Contractor should use in house / provision the online automated ticketing and incident logging system. Contractor Service Engineers are required to log the incidents in said system and escalate problems immediately. It is required to devise a multi-notification routine of all faults that follows both the technical staff and management staff paths leading right up to the COO.

The following defines the Technical Escalation levels to a typical field anomaly. When an anomaly is reported, it should be escalated automatically to the required level described below. Consequently, the customer has to only maintain contact with the contractor Field Engineer and the management of Contractor as required.

6.1. Service Engineer (Level 1):

The Service Engineers are the first person that comes across an issue on site. He will be the main point of contact for the customer/purchaser regarding any anomaly. The service engineers are routinely involved in the maintenance of the entire datacenter Infrastructure, and have knowledge about the environment and application of the equipment.

6.2. Service Support Experts (Level 2):

Service Support Experts is the next level of escalation. These individuals should be active field engineers who have gained expertise with a particular product line and/ or are experienced in service for many years.

The entire CONTRACTOR organization including CONTRACTOR Management must be actively involved in coordinating activities once the problem escalates above Level 1. It should be Contractor’s key objective to solve the problem on an urgent basis and keep the customer/purchaser informed of the progress being made.

6.3. Manufacturer's Technical Support Department (Level 3):

This group typically reports and operates in the Service Organization of the respective manufacturers. The purpose of this group is to be the central clearinghouse for serious service related issues. The experts who have been identified by their management and have thorough knowledge about their products must be available to provide phone and other needed support. In critical situations, they must be required to travel to customer/purchaser sites to resolve issues. These experts should gather all information on a given product line from the beginning, and conduct important interface with their respective Quality and R&D organizations. They will collect vital field data that will be later analyzed, and vital Statistics reported to Service Management of the company.

7. TOOLS:

Tools required for service will be provided by CONTRACTOR.

8. Resource Engagement Procedures

CONTRACTOR Service Engineers should be selected to keep the job requirements in mind. It is CONTRACTOR responsibility to train them and keep that training up to date through periodic refresher training sessions. CONTRACTOR Service Management has the responsibility to monitor each and every report that is generated on site with an eye to spot problems and issues, before they occur. This should

be in line with the problem prevention philosophy that is practiced at CONTRACTOR Engineering. Service Engineers should be trained by CONTRACTOR Expert Service Support Engineers, who are experts of their respective fields. The training should be rigorous and covers both theory and practice. The basics of equipment design philosophy, the theory of operation, monitoring and reporting norms, trouble-shooting techniques and maintenance procedures should all be covered in great detail. The mode of training could be on the job or classroom based, with related equipment available in close proximity It is further required that all trained engineers go through refresher training to ensure sharpness of skills, and to bring them up to date on the most recent findings, upgrades, enhancements, modifications etc.

9. Penalties:

In case of non-compliance to the mentioned time frames, monitoring and maintenance parameters following penalties would be applicable;

	Problem or Error Classification					
	High	**Penalty**	**Medium**	**Penalty**	**Low**	**Penalty**
Response Time	< 15 minutes	One penalty of 0.25 % of Total SLA amount per additional each five minutes.	< 1 hours	One penalty of 0.25 % of Total SLA amount per additional each hour/s.	< 4 hours	One penalty of 0.25 % of Total SLA amount per additional each 4 hours.
Restore Time	Continuous activity to restore in < 4 hours	One penalty of 0.25 % of Total SLA amount per additional each hour/s.	< 8 hours	One penalty of 0.25 % of Total SLA amount per additional each 8 hours.	< 5 days	One penalty of 0.25 % of Total SLA amount per additional each day
Permanent Resolution	Reasonable efforts to provide within 10 working days	One penalty of 0.25 % of Total SLA amount per additional each day.	20 working days	One penalty of 0.25 % of Total SLA amount per additional each 5 days.	30 working days	One penalty of 0.25 % of Total SLA amount per additional each 5 day/s

Note: Replacement of parts would be included in the relevant resolution criteria/requirement. SLA amount means total contract value.

10. Renewal:

The contract will be extendible with the consent of both parties and provisioned rate against this tender.

ANNEXURE-L

CHECKLIST FOR BID SUBMISSION

Technical Proposal

Part –A (04 Document)

i. Bid Submission Form/Covering letter duly signed and stamped by authorized representative. **(Annexure-E)**

ii. Income Tax Registration certificate (NTN)

iii. Sales Tax Registration **(Status = Active with relevant authority)**

iv. **Single Undertaking**

The compliance, delivery schedule and black listing statement should be made as per mentioned in tender documents these 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*

e). **Compliance to the technical specifications** to be procured mentioned vide (**Annex-A)**

Part –B (02 Document)

i. Technical Proposal Form **(Annexure-B)**

ii. Technical Bid / BOQ clearly mentioned ***Quoted Model with Technical specification offered, along with Brochures / Literature and online web link.***

Part-C (05 Documents)

Qualification documents

iii. Authorization Certificates / Documents from principal/manufacturer/authorized dealers as per requirement given in technical evaluation criteria, **for relevant bid. 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,
i). authorization document from principal to dealer and
ii). certificate from dealer to the bidder is required).

iv. 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.

v. **Relevant experience documents** (Purchase Orders / Contracts) for specified period i.e. 3 year/1 year etc.

vi. Power of Attorney, if an authorized representative is appointed, dully signed & stamped. (Annexure-F).

vii. 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 submit.

Financial Proposal

Part- D (03 documents)

i. Financial Proposal Form (Annexure-C), dully signed & stamped. (**AS per tender document)**

ii. Price Schedule (Annexure-D), dully signed & stamped. **(Tax Calculation)**

iii. Bid Security, as per provisions of the clause Bid Security of this document.

ANNEXURE-M

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