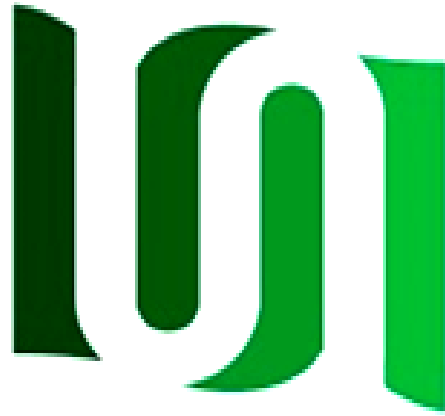


Tender Document

Tender No. UON-18-12-2023-09

INVITATION TO BIDS/OFFERS
OF

PROCUREMENT OF MULTIMEDIA PROJECTORS, COMPUTERS/LAPTOPS, VDI THIN TERMINAL WITH CORE EQUIPMENTS & DISPLAY, PRINTERS AND PHOTOSTAT MACHINES, NETWORKING EQUIPMENTS AND SOUND SYSTEM FOR SYNDICATE HALL FOR UNIVERSITY OF NAROWAL UNDER THE PROJECT TITLED, “STRENGTHENING & EXPANSION OF UNIVERSITY OF NAROWAL”.



University of Narowal

UNIVERSITY OF NAROWAL
New Campus Shakargarh Road Narowal, Pakistan
Phone: (+ 92) (0542) (920050) URL: www.uon.edu.pk

Important Note:

Bidders must ensure that they submit all the required documents indicated in the Bidding Documents. 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.

Table of Contents

SECTION I – INVITATION FOR BIDS	6
SECTION-II: INSTRUCTIONS TO BIDDERS (ITB)	7
2.1. INTRODUCTION	7
2.1.1 <i>Scope of Bid</i>	7
2.1.2 <i>Source of Funds</i>	7
2.1.3 <i>Eligible Bidders</i>	7
2.1.4 <i>Eligible Goods and Services</i>	10
2.1.5 <i>Cost of Bidding</i>	10
2.1.6 <i>One person one bid</i>	10
2.2. THE BIDDING DOCUMENTS	11
2.2.1 <i>Content of Bidding Documents</i>	11
2.2.2 <i>Clarification of Bidding Documents</i>	12
2.2.3 <i>Amendment of Bidding Documents</i>	13
2.3. PREPARATION OF BIDS	13
2.3.1 <i>Language of Bid</i>	13
2.3.2 <i>Bid Form</i>	14
2.3.3 <i>Bid Prices</i>	14
2.3.4 <i>Bid Currencies</i>	14
2.3.5 <i>Documents Establishing Bidder’s Eligibility and Qualification</i>	14
2.3.6 <i>Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents</i>	15
2.3.7 <i>Bid Security</i>	17
2.3.8 <i>Period of Validity of Bids</i>	18
2.3.9 <i>Format and Signing of Bid</i>	18
2.4. SUBMISSION OF BIDS.....	19
2.4.1 <i>Sealing and Marking of Bids</i>	19
2.4.2 <i>Deadline for Submission of Bids</i>	21
2.4.3 <i>Late Bids</i>	21
2.4.4 <i>Modification and Withdrawal of Bids</i>	21
2.5. OPENING AND EVALUATION OF BIDS	22
2.5.1 <i>Opening of Bids by the Procuring Agency</i>	22
2.5.2 <i>Confidentiality</i>	24
2.5.3 <i>Clarification of Bids</i>	24
2.5.4 <i>Preliminary Examination</i>	25
2.5.5 <i>Examination of Terms and Conditions; Technical Evaluation</i>	26
2.5.6 <i>Correction of Errors</i>	26
2.5.7 <i>Conversion to Single Currency</i>	27
2.5.8 <i>Post-Qualification & Evaluation of Bids</i>	27
2.5.9 <i>Contacting the Procuring Agency</i>	28
2.5.10 <i>Grievance Redressal</i>	28
2.6. AWARD OF CONTRACT	29
2.6.1 <i>Notification of Award</i>	29
2.6.2 <i>Performance Guarantee</i>	29
2.6.3 <i>Signing of Contract/ Issuance of Purchase Order</i>	30
2.6.4 <i>Award Criteria</i>	30
2.6.5 <i>Procuring Agency’s Right to Vary Quantities at Time of Award</i>	30
2.6.6 <i>Procuring Agency’s Right to Accept or Reject All Bids</i>	31
2.6.7 <i>Re-Bidding</i>	31
2.6.8 <i>Corrupt or Fraudulent Practices</i>	32
2.6.9 <i>Quantity and volume of the goods to be considered in mind</i>	36
SECTION-III. TECHNICAL SPECIFICATIONS	37
3.1. TECHNICAL SPECIFICATIONS	37

LOT- 01 MULTIMEDIA PROJECTORS FOR CLASSROOMS	37
LOT- 02 COMPUTER/LAPTOP FOR FACULTY AND SENIOR STAFF	38
LOT- 03: VDI THIN TERMINAL WITH CORE EQUIPMENT AND DISPLAY	39
LOT- 04: PRINTERS AND PHOTOSTAT MACHINES	47
LOT- 05 TECHNICAL SPECIFICATIONS (NETWORK EQUIPMENT FOR IT LABS).....	49

LOT- 06 TECHNICAL SPECIFICATIONS OF SOUND/AUDIO SYSTEM 50

SECTION-IV: BID DATA SHEET 54

A. INTRODUCTION.....	54
B. BIDDING DOCUMENTS	55
C. BID PRICE, CURRENCY, LANGUAGE AND COUNTRY OF ORIGIN.....	55
D. PREPARATION AND SUBMISSION OF BIDS	55
E. OPENING AND EVALUATION OF BIDS	56
F. BID EVALUATION CRITERIA	58

Technical Evaluation Criteria for the Procurement of Hardware / IT Equipments / Machinery & Equipments contain the following:

SECTION-V: GENERAL CONDITIONS OF CONTRACT..... 60

1. DEFINITIONS	60
2. APPLICATION	61
3. COUNTRY OF ORIGIN.....	61
4. STANDARDS	61
5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION AND AUDIT BY THE PROCURING AGENCY... 61	
6. PATENT RIGHTS	62
7. PERFORMANCE GUARANTEE	62
8. INSPECTIONS AND TESTS	63
9. PACKING	63
10. DELIVERY AND DOCUMENTS.....	64
11. INSURANCE.....	64
12. TRANSPORTATION	64
13. INCIDENTAL SERVICES	64
14. SPARE PARTS.....	65
15. WARRANTY	66
16. PAYMENT	66
17. PRICES.....	67
18. CHANGE ORDERS	67
19. CONTRACT AMENDMENTS.....	67
20. ASSIGNMENT	68
21. SUB-CONTRACTS	68
22. DELAYS IN THE SUPPLIER’S PERFORMANCE	68
23. LIQUIDATED DAMAGES	68
24. TERMINATION FOR DEFAULT.....	69
25. FORCE MAJEURE	70
26. TERMINATION FOR INSOLVENCY	71
27. TERMINATION FOR CONVENIENCE.....	71
28. RESOLUTION OF DISPUTES	71
29. GOVERNING LANGUAGE.....	72
30. APPLICABLE LAW.....	72
31. NOTICES	72
32. TAXES AND DUTIES.....	72

SECTION-VI. SCHEDULE OF REQUIREMENTS 73

6.1 SCHEDULE OF REQUIREMENTS	73
------------------------------------	----

SECTION-VII: SAMPLE FORMS 75

7.1 BID FORM	75
7.2. MANUFACTURER’S AUTHORIZATION FORM	78
7.3. BIDDER PROFILE FORM	79
7.4. GENERAL INFORMATION FORM.....	80

7.5. AFFIDAVIT	81
7.6. PERFORMANCE GUARANTEE FORM.....	82
7.7. TECHNICAL BID FORM	83
7.8. CONTRACT FORM.....	84
7.9. FINANCIAL BID FORM/PRICE SCHEDULE.....	87
7.10. BID SECURITY FORM.....	88
SECTION VIII- CHECK LIST	89

Section I – Invitation for Bids

PROCUREMENT OF MULTIMEDIA PROJECTORS, COMPUTERS/LAPTOPS, VDI THIN TERMINAL WITH CORE EQUIPMENTS & DISPLAY, PRINTERS AND PHOTOSTAT MACHINES, NETWORKING EQUIPMENTS AND SOUND SYSTEM FOR SYNDICATE HALL FOR UNIVERSITY OF NAROWAL UNDER THE PROJECT TITLED, “STRENGTHENING & EXPANSION OF UNIVERSITY OF NAROWAL”. TENDER NO. UON-18-12-2023-09

University of Narowal invites bids/offers from bidders i.e. firms/companies/sole proprietor/ general order suppliers etc. Engaged in trading, registered with relevant Registration Authorities and Tax Departments/Authorities (Income Tax, Sales Tax, Punjab Sales Tax etc.). The Bids shall be received as per single stage two envelopes procedure. The detail is as under: -

LOT	Tender Name	Estimated Price	2% Bid Security	Closing Time and Date	Opening Time and Date
01	Multimedia Projectors for Classrooms	1,500,000	30,000	21-12-2023 12.30 PM	21-12-2023 01.00 PM
02	Computer/Laptops for Faculty & Senior Staff	5,250,000	105,000		
03	VDI thin terminal with Core Equipment and Display	55,000,000	1,100,000		
04	Printers and Photostat Machines	6,270,000	125,400		
05	Networking Equipment for IT Labs	55,200,000	1,104,000		
06	Sound System for Syndicate Hall	5,000,000	100,000		

The organization must be registered with the Federal Board of Revenue for Income or Punjab Revenue Authority with an active taxpayer profile. Bidding documents can be obtained immediately from the date of publication of tender notice on website of the University of Narowal and PPRA or on submission of a written request on company's letter head from office of the Secretary Central Purchase Committee, University of Narowal. Request must be accompanied with **Tender Document Fee of Rs. 3,000/- nonrefundable** in form of Pay Order/Demand Draft in favor of Treasurer, University of Narowal. University shall not be responsible for delays & non delivery caused by courier firms/post office etc. regarding issuance & receiving of bidding document/proposals etc. Technical proposals must contain **bid Security** in the form of CDR/Demand Draft/Pay Order **equivalent to 2% of Estimated Price** (as mentioned in tender notice) in favor of Treasurer, University of Narowal. Sealed bids/offers in conformity with bidding documents should reach in the office of the Secretary Central Purchase Committee, **not later than 12:30 PM on 21-12-2023**. Sealed proposals shall be **opened on same day at 01:00 PM** in the presence of bidders or their representatives having valid authority letter from their respective organization who opts to be present. Bids which are incomplete, unsigned & unstamped on bid form, unsealed, without bid security and late by specified time shall not be considered. In case of official holiday on the day of submission, next day will be treated as closing date. Bid Validity is 120 days. The University Management may reject all bids at any time prior to acceptance of a bid, as provided under Rule-35 of Punjab Procurement Rules-2014.

Contact Details:

Muhammad Azam Ilyas (Secretary Central Purchase Committee)
University of Narowal, New Campus, Shakargarh Road, Narowal, Pakistan.
Email: azam.ilyas@uon.edu.pk Tell: 0542-920050

Section-II: Instructions to Bidders (ITB)

Note: - All the procurement procedures shall be conducted in accordance with Punjab Procurement Authority Act-2009 and Punjab Procurement Rules-2014. In case of any conflict between the provision of this document and PPRA Act-2009/ PPRA Rules-2014, the later shall prevail.

2.1. Introduction

2.1.1 Scope of Bid

- i) The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the provision of Goods as specified in the Section-IV Bid Data Sheet (BDS) and Section III - Technical Specifications & Section VII- Schedule of Requirements. The successful Bidders will be expected to deliver, install/ commissioning) the goods within the specified period and timeline(s) as stated in the BDS.

2.1.2 Source of Funds

- i) The Procuring Agency named in the Bid Data Sheet has received budget from the Government of Punjab. The Procuring Agency intends to apply the provided funds/ a portion of this budget to make eligible payments under the contract for which the Invitation to bids has been issued.

2.1.3 Eligible Bidders

- i) The Invitation to Bids is open to all suppliers i.e. association of firms/companies/sole proprietor/ general order suppliers registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax, Sales Tax & Punjab Sales Tax etc.), except as provided hereinafter.
- ii) Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation to Bids [if applicable].
- iii) Government-owned enterprises may participate only if they are duly/legally authorized in this regard by the respective/relevant competent forum/authority.
- iv) Bidders shall not be under a declaration of blacklisting by the Procuring Agency.
- v) In the case of a Joint Venture, Consortium, or Association, all members shall be jointly and severally liable for the execution

of the Contract in accordance with the terms and conditions of the Contract. The Joint Venture, Consortium, or Association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of contract.

- vi) The appointment of Lead Member in the Joint Venture, Consortium, or Association shall be confirmed by submission of a valid JV or Consortium agreement to the Procuring Agency.
- vii) Any agreement that form a Joint Venture, Consortium or Association shall be required to be submitted as part of the Bid and shall be attested.
- viii) Any bid submitted by the Joint Venture, Consortium or Association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated or post qualified with respect to its contribution only and the responsibilities of each party and shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.
- ix) The invitation for Bids is open to all prospective Supplier, Manufacturers or Authorized Agents/Dealers/Distributors subject to any provisions or licensing/regulatory requirements issued by the respective National/ Provincial Professional Statutory Body established for that particular trade or business as mentioned in bid data sheet.
- x) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be Non-Responsive. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
 - a) Are associated or have been associated for the procurement of the goods to be purchased under this Invitation for Bids, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used.
 - b) Have controlling shareholders in common; or
 - c) Receive or have received any direct or indirect subsidy from any of them; or

- d) Have the same legal representative for purposes of this Bid; or
 - e) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or
- xii) A Bidder may be ineligible if –
- (a) The Bidder is declared bankrupt or, in the case of company or firm, insolvent;
 - (b) Payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and dispose of its property;
 - (c) Legal proceedings are established against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;
 - (d) The Bidder is convicted, by a final judgment, of any offence involving professional conduct;
 - (e) The Bidder is debarred and blacklisted due to involvement in corrupt and fraudulent practices in accordance with the provision of section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
 - (f) The Bidder is debarred and blacklisted in general (i.e. to the extent of all public procurement) due to consistent performance failure in accordance with the section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
 - (g) The firm, supplier and contractor is blacklisted/ debarred by any international organization.

- xiii) Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.
- xiv) Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency, as the Procuring Agency shall reasonably request.
- xv) Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten percent of the Bid price is envisaged.

2.1.4. Eligible Goods and Services

- i) All goods and related services to be supplied under the Contract shall have their origin in eligible source countries, defined in the *Bid Data Sheet (BDS/Technical Specification)*, and all expenditures made under the contract will be limited to such goods and related services.
- ii) For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.
- iii) The origin of goods and services is distinct from the nationality of the Bidder. *In any case, the requirements of Rules 10 & 26 of PPR-14, shall be followed.*

2.1.5. Cost of Bidding

- i) The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Procuring Agency named in the Bid Data Sheet, hereinafter referred to as “the Procuring Agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

2.1.6. One person one bid

- i) As per Rule 36A of Punjab Procurement Rules 2014, a Bidder shall submit only one Bid in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.
- ii) No Bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.

- iii) A Bidder, if acting in the capacity of sub-contractor in any Bid, shall not submit bid for the same.

2.2. The Bidding Documents

2.2.1. Content of Bidding Documents

- i) The goods required, Bidding procedures, and contract terms are prescribed in the Bidding documents. The Bidding documents, inter alia, include:
 - (a) Invitation to Bids
 - (b) Instructions to Bidders (ITB)
 - (c) Technical Specifications
 - (d) Bid Data Sheet
 - (e) General Conditions of Contract (GCC)
 - (f) Special Conditions of Contract (SCC) Where Applicable
 - (g) Schedule of Requirements
 - (h) Bid Form
 - (i) Manufacturer's Authorization Form
 - (j) Bidder Profile Form
 - (k) General Information Form
 - (l) Affidavit
 - (m) Bid Security Form
 - (n) Technical Bid Form
 - (o) Contract Form
 - (p) Financial Bid Form / Price Schedule
 - (q) Performance Guarantee Form
 - (r) Check List
- ii) The Bidder is required to examine all instructions, forms, terms, and specifications in the Bidding documents. Failure to furnish all information as required by the Bidding documents or to submit a Bid not responsive to the Bidding documents in

every respect will be at the Bidder's risk and may result in the rejection of its Bid.

iii) In case of discrepancies between the Invitation to Bid and the Bidding Documents listed in **ITB 2.2.1 (i)** above, the said Bidding Documents, not in conflict with any provision of PPR-14, will take precedence.

iv) The Procuring Agency is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the Procuring Agency or from its website or website of PPRA. Re-confirming from the Procuring Agency that all pages/ contents have been properly and clearly received is the prime responsibility of the Bidder.

2.2.2. Clarification of Bidding Documents

i) A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency in writing or by email at the Procuring Agency's address indicated in Invitation to Bid/ Tender Notice/ Advertisement. The Procuring Agency will respond in writing to any request for clarification of the Bidding documents which it receives no later than seven (7) days prior to the deadline for the submission of Bids prescribed in the Bid Data Sheet. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying) will be sent to all prospective Bidders that have received the Bidding documents.

ii) A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the **BDS**.

iii) The Procuring Agency will within three (3) working days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than seven (7) days prior to the deadline for the submission of Bids. As prescribed in **ITB 2.2.2 (i), above**. However, this clause shall not apply in case of alternate methods of Procurement.

iv) Copies of the Procuring Agency's response will be uploaded on the website of procuring agency on given date and forwarded to identified Prospective Bidders through an expeditious identified source of communication, e.g.: e-mail etc., including a description of the inquiry, but without identifying its source.

- v) Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under **ITB 2.2.3**.
- vi) If indicated **in the BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned **in the BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.
- vii) Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders who have obtained the Bidding Documents and by uploading same on the website of the procuring agency. Any modification to the Bidding Documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 2.2.3. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

2.2.3. Amendment of Bidding Documents

- i) At any time prior to the deadline for submission of Bids, but not later than three (3) days before the closing date of the submission of Bid, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the Bidding documents by amendment. Any such change/amendment in the Bidding documents shall be provided in a timely manner, preferably through electronic means also, not later than three (3) days, and on equal opportunity basis as per Rule-25(3) OR Rule 25(4) of PPR-14 as the case may be.
- ii) In order to allow prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of Bids, as per rule 29 of PPR-14, in the manner similar to the original advertisements, so as to avoid any inconvenience and to doubly ensure level playing field for all prospective bidders.

2.3. Preparation of Bids

2.3.1. Language of Bid

- i) The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the language

specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.

2.3.2. Bid Form

- i) The Bidder shall complete the Bid Form and the appropriate Price Schedule (Financial Bid) furnished in the Bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

2.3.3. Bid Prices

- i) The Bidder shall indicate on form 7.9 the unit prices (where applicable) and total Bid price of the goods it proposes to supply under the contract.
- ii) Prices indicated on the Price Schedule shall be package wise / for a complete.
- iii) The Bidder's separation of price components in accordance with ITB Clause 2.3.3(ii) above will be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency and will not in any way limit the Procuring Agency's right to contract on any of the terms offered.
- iv) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A Bid submitted with an **adjustable price quotation** will be treated as non-responsive and may be rejected.

2.3.4. Bid Currencies

- i) Prices shall be quoted in **Pak Rupees** for local/DDP items unless otherwise specified in the Bid Data Sheet.

2.3.5. Documents Establishing Bidder's Eligibility and Qualification

- i) Pursuant to ITB Clause 2.1.3, the Bidder shall furnish, as part of its Bid, documents establishing the Bidder's eligibility to Bid and its qualifications to perform the contract if its Bid is accepted.
- ii) The documentary evidence of the Bidder's eligibility to Bid shall establish to the Procuring Agency's satisfaction that the Bidder, at the time of submission of its Bid, is eligible as defined under ITB Clause 2.1.3.
- iii) The documentary evidence, of the Bidder's qualifications to perform the contract if its Bid is accepted, shall establish to the Procuring Agency's satisfaction:

- (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer [*Manufacturer's Authorization Form No. 7.2*] or producer to supply the same in Pakistan;
- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

2.3.6. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

- i) Pursuant to ITB Clause 2.1.4, the Bidder shall furnish, as part of its Bid, documents establishing the eligibility and conformity to the Bidding documents of all goods and related services which the Bidder proposes to supply under the contract.
- ii) The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule/Financial Bid Form of the country of origin of the goods and services offered which shall be confirmed by a **Certificate of Origin** issued at the time of shipment. (where Applicable)
- iii) The documentary evidence of conformity of the goods and services to the Bidding documents may be in the form of literature, drawings, data and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring Agency; and
 - (c) an item-by-item commentary on the Procuring Agency's Technical Specifications demonstrating **responsiveness** of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

- iv) For purposes of the commentary to be furnished, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive.
- v) Where a sample(s) is required by a procuring agency, the sample shall be:
 - (a) submitted as part of the bid, in the quantities, dimensions and other details requested in the **BDS**;
 - (b) carriage paid;
 - (c) received on, or before, the closing time and date for the submission of bids; and
 - (d) Evaluated to determine compliance with all characteristics listed in the **BDS**.

{However, the procuring agency may also opt to ask for samples after submission of technical bids (where require)}
- vi) The Procuring Agency may retain the sample(s) of the successful Bidder till the successful delivery of the goods. A Procuring Agency may reject the Bid if the sample(s)-
 - (a) do(es) not conform to all characteristics prescribed in the bidding documents; and
 - (b) is/are not submitted within the specified time clearly mentioned in the Bid Data Sheet.
- vii) Where it is not possible to avoid using a propriety article as a sample, a Bidder shall make it clear that the propriety article is displayed only as an example of the type or quality of the goods being Bided for, and that competition shall not thereby be limited to the extent of that article only.
- viii) Samples made up from materials supplied by a Procuring Agency shall not be returned to a Bidder nor shall a Procuring Agency be liable for the cost of making them.
- ix) All samples produced from materials belonging to an unsuccessful Bidder may be kept by the Procuring Agency till thirty (30) days from the date of award of contract or exhaust of all the grievance forums (including those pending at Authority's Level or in some Court of Law).
- x) **Pursuant to the requirements as indicated in ITB 2.3.6, the Bidder shall furnish, as part of its Bid, all those documents establishing the eligibility in conformity to the terms and**

conditions specified in the Bidding Documents for all goods and related services which the Bidder proposes to deliver.

- xi) The Bidder shall also furnish a list giving full particulars, including available sources and current prices of goods, spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Procuring Agency.
- xii) The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation attested by the embassy in country of manufacturer into English shall be attached to the original version.

2.3.7. Bid Security

- i) The Bidder shall furnish, as part of its Bid, a Bid security in the amount specified in the Bid Data Sheet.
- ii) The Bid security is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture Pursuant to ITB Clause 2.3.8. (vii).
- iii) The Bid security shall be in Pakistan Rupees and shall be in one of the following forms:
 - (a) Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque valid for One Twenty Day (120) Days, beyond the validity of Bid.
- iv) Any Bid not secured in accordance with ITB Clauses 2.3.8 (i) and (ii) may be rejected by the Procuring Agency as non-responsive.
- v) Unsuccessful Bidders' Bid security will be discharged or returned as promptly as possible but not later than One Twenty (120) days after the expiration of the period of Bid validity prescribed by the Procuring Agency pursuant to ITB Clause 2.3.8 (ii) or along with unopened financial proposal as per rule 38(2)(a)(vii) of PPR-14, which shall take precedence, and is as under:

“38(2)(a)(vii) the financial proposal of the Bids found technically non-responsive shall be retained unopened and shall be returned on the expiry of the grievance period or the decision of the complaint, if any, filed by the non-responsive Bidder, whichever is later:

provided that the Procuring Agency may return the sealed financial proposal earlier if the disqualified or non-responsive Bidder, contractor or consultant submits an affidavit, through

an authorized representative, to the effect that he is satisfied with the proceedings of the Procuring Agency”.

- vi) The successful Bidder’s Bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 2.6.1, and furnishing the Performance Guarantee, pursuant to ITB Clause 2.6.2.
- vii) The Bid security may be forfeited:
 - a. If a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
 - b. In the case of a successful Bidder, if the Bidder:
 - i. Fails to sign the contract in accordance with ITB Clause 2.6.3; **or**
 - ii. Fails to furnish Performance Guarantee in accordance with ITB Clause 2.6.2; or
 - iii. If the blacklisting proceedings under Section-17A of PPRA Act, 2009 read with Rule-21 of PPR-14 are initiated and the bidder is declared blacklisted after due process of law.

2.3.8. Period of Validity of Bids

- i) Bids shall remain valid for the period specified in the Bid Data Sheet after the date of Bid opening prescribed by the Procuring Agency. A Bid valid for a shorter period may be rejected by the Procuring Agency as non-responsive.
- ii) In exceptional circumstances, the Procuring Agency may solicit the Bidder’s consent to an extension of the period of validity (as per rule-28 of PPR-14). The request and the responses thereto shall be made in writing (or by email). The Bid security provided under ITB Clause 2.3.8 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security. A Bidder accepting the request will not be required nor permitted to modify its Bid.

2.3.9. Format and Signing of Bid

- i) The Bidder shall prepare an original and the number of copies of the Bid indicated in the Bid Data Sheet, clearly marking each “ORIGINAL BID” and “COPY OF BID,” as appropriate. In the event of any discrepancy between them, the original shall prevail.
- ii) The Bidder shall authorize a person/ persons for signing, submission and further correspondence with Procuring Agency on behalf of bidder. Authority letter must be part of

bid. However, in case of any issue bidder shall be responsible for all consequences.

- iii) The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to bind the Bidder to the contract. All pages of the Bid, shall be signed and stamped by the authorized person.
- iv) Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the authorized person for signing the Bid.
- v) The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the **BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, shall be signed and stamped by the authorized person.
- vi) Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bidder.
- vii) The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid and to contract execution if the Bidder is awarded the contract.

2.4. Submission of Bids

2.4.1 Sealing and Marking of Bids

- i) As per Rule 24, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.
- ii) The inner and outer envelopes shall:
 - a. be addressed to the Procuring Agency at the address given in the Bid Data Sheet; and
 - b. bear the title of procurement Activity indicated in the Bid Data Sheet, the Invitation to Bids (ITB) title and number indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE..... (time and date)," *[to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.4.2.]*

- iii) The inner envelopes shall also indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared "late".
- iv) If the outer envelope is not sealed and marked as required by ITB Clause 2.4.1 (i), the Procuring Agency will assume no responsibility for the Bid's misplacement or premature opening.
- v) In case of Single Stage One Envelope Procedure, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope securely sealed in such a manner that opening and resealing cannot be achieved undetected.
Note: The envelopes shall be sealed and marked in accordance with the bidding procedure adopted as referred in Rule-38 of PPR-2014, which shall have precedence.
- vi) The inner and outer envelopes shall:
 - a) Be addressed to the Procuring Agency at the address given in the **BDS**; and
 - b) Bear the title of the subject procurement or Project name, as the case may be as indicated in the **BDS**, the Invitation to Bids (ITB) title and number indicated in the **BDS**, and a statement: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the **BDS**, pursuant to **ITB 2.4.2**.
- vii) In case of Single Stage Two Envelope Procedure, The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Proposal and the other Financial Proposal. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each Bidder shall submit his bid as under:
 - a) Bidder shall submit his **TECHNICAL PROPOSAL** and **FINANCIAL PROPOSAL** in separate inner envelopes and enclosed in a single outer envelope.
 - b) **ORIGINAL** and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such.
 - c) The envelopes containing the **ORIGINAL** and copies will be put in one sealed envelope and addressed / identified as given in **BDS**.
- viii) The inner and outer envelopes shall:

- a) be addressed to the Procuring Agency at the address provided in the BDS;
 - b) bear the name and identification number of the contract as defined in the BDS; and provide a warning not to open before the time and date for bid opening, as specified in the BDS, pursuant to ITB 2.4.2;
 - c) In addition to the identification required in Sub- Clause (b) hereof, the inner envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to ITB.2.4.3.
- ix) If all envelopes are not sealed and marked as required by **ITB 2.4.1** or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid.

2.4.2 Deadline for Submission of Bids

- i) Bids must be received by the Procuring Agency at the address specified under BDS no later than the time and date specified in the Bid Data Sheet. **Bids received through courier services shall not be entertained.**
- ii) The Procuring Agency may, at its discretion and as per rule 29 of PPR-14, extend this deadline for the submission of Bids by amending the Bidding documents in accordance with ITB Clause 2.2.2 & 2.2.3 in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

2.4.3. Late Bids

- iii) Bids shall be received by the Procuring Agency at the address specified under **BDS** no later than the date and time specified in the **BDS**.
- i) Any Bid received by the Procuring Agency after the deadline for submission of Bids prescribed by the Procuring Agency pursuant to ITB Clause 2.4.2 will be rejected and returned unopened to the Bidder.
- ii) The Procuring Agency shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids.
- iii) Any Bid received by the Procuring Agency after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.

2.4.4. Modification and Withdrawal of Bids

- i) The Bidder may modify or withdraw its Bid after the Bid’s submission, provided that written notice of the modification,

including substitution or withdrawal of the Bids, is received by the Procuring Agency prior to the deadline prescribed for submission of Bids.

- ii) The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of Clause (i) A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of Bids.
- iii) No Bid may be modified after the deadline for submission of Bids.
- iv) No Bid may be withdrawn in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Bid Form. Withdrawal of a Bid during this interval may result in the Bidder's forfeiture of its Bid security (along with other remedies available under PPR-14), pursuant to the ITB Clause 2.3.8 (vii).
- v) A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.
- vi) Revised bid may be submitted after the withdrawal of the original bid before the deadline for submission of Bids.

2.5. Opening and Evaluation of Bids

2.5.1. Opening of Bids by the Procuring Agency

- i) The Procuring Agency will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the **BDS**. The Bidders' representatives present shall sign a register/attendance sheet as proof of their attendance.
- ii) First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening-
- iii) Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Bid shall be exchanged for the corresponding Original Bid being substituted, which is to be returned to the Bidder unopened. No envelope shall be substituted unless the corresponding

Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.

- iv) Next, outer envelopes marked “MODIFICATION” shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Bids. Any Modification shall be read out along with the Original Bid except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial bid opening date.
- v) Other envelopes holding the Bids shall be opened one at a time, in case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Procurement Evaluation Committee.
- vi) In case of Single Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the **BDS** in the presence of Bidders` designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in custody of the Procuring Agency until the specified time of their opening.
- vii) The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) the presence of a Bid Security, if required; and (c) Any other details as the Procuring Agency may consider appropriate.
- viii) Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder’s representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder’s Bid.

- ix) No Bid will be rejected at the time of Bid opening except for late Bids which will be returned unopened to the Bidder, pursuant to **2.4.3 (i)**.
- x) The Procuring Agency shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a withdrawal, substitution or modification, the Bid price if applicable.
- xi) The Bidders' representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record.
- xii) Minutes of the Financial Bid Opening shall be recorded and uploaded by the procuring agency on its website or shared to all bidders through e-mail.

2.5.2. Confidentiality

- i) Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report in accordance with the requirements of rule 37 of PPR-14.
- ii) Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.
- iii) Notwithstanding **ITB Clause 2.2.2** from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.

2.5.3. Clarification of Bids

- i) As per rule 33(2) of PPR-14, to assist in the examination, evaluation and comparison of Bids and post-qualification of the Bidders, the Procuring Agency may, at its discretion, ask any Bidder for a clarification of its Bid including breakdown of prices to determine its reasonability. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.
- ii) The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, no change in the prices or substance of

the Bid shall be sought, offered, or permitted. Whereas in case of Single Stage One Envelope Procedure, only the correction of arithmetic errors discovered by the Procuring Agency in the evaluation of Bids should be sought in accordance with ITB Clause 2.5.6.

- iii) The alteration or modification in The Bid which in any way affect the following parameters will be considered as a change in the substance of a bid:
 - a) Evaluation & qualification criteria;
 - b) Required scope of work or specifications;
 - c) All securities requirements;
 - d) Tax requirements;
 - e) Terms and conditions of bidding documents.
 - f) Change in the ranking of the Bidder
- iv) From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.

2.5.4. Preliminary Examination

- i) The Procuring Agency will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.
- ii) Arithmetical errors will be rectified on the following basis: -
 - a. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its Bid may be rejected, and its Bid security may be forfeited.
 - b. If there is a discrepancy between words and figures, the amount in words will prevail.
- iii) Prior to the detailed evaluation, the Procuring Agency will determine the responsiveness of each Bid to the Bidding documents, pursuant to ITB Clause 2.5.5. For purposes of these Clauses, a responsive Bid is one which conforms to all the terms and conditions of the Bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning

Bid Security (ITB Clause 2.3.8), **Applicable Law** (GCC Clause 30), **Taxes and Duties** (GCC Clause 32) & mandatory Registrations/ Renewals will be deemed to be a material deviation. The Procuring Agency's determination of a Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.

- iv) If a Bid is not responsive, it will be rejected by the Procuring Agency and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- v) Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:
 - a) Meets the eligibility criteria defined in **ITB 2.1.3** and **ITB 2.1.4**;
 - b) Has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;
 - c) Has been properly signed;
 - d) Is accompanied by the required securities; and
 - e) Is responsive to the requirements of the Bidding Documents.

The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

2.5.5. Examination of Terms and Conditions; Technical Evaluation

- i) The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.
- ii) The Procuring Agency shall evaluate the technical aspects of the Bid submitted to confirm that all requirements specified in **Section III-Technical Specifications, Section VII – Schedule of Requirements & Evaluation Criteria as provided in BDS**, have been met without material deviation or reservation.
- iii) If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not responsive in accordance, it shall reject the Bid.

2.5.6. Correction of Errors

- i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -
 - a) If there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring

Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;

- b) If there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and
- c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
- d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

- ii) The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors. The concurrence of the Bidder shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with **ITB 2.3.8**.

2.5.7. Conversion to Single Currency

- i) As per rule 32(2) of PPR-14, to facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices as follows:

For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day, in case of holiday in State Bank of Pakistan on the day of opening financial bids, then previous working day's ex-change rates will prevail.

2.5.8. Post-Qualification & Evaluation of Bids

- i) In the absence of **prequalification**, the Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the evaluation criteria listed in BDS & pursuant to ITB Clause 2.1.3.
- ii) The determination will take into account the Bidder's financial, technical, and production/ supplying capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 2.3.6, as well as such other information required for eligibility/qualification expressed in Bid Data Sheet as the Procuring Agency deems necessary and appropriate.

- iii) The Procuring Agency will **technically evaluate** and compare the Bids which have been determined to be responsive, pursuant to ITB Clause 2.5.5, as per Technical Specifications required.
- iv) The **financial evaluation** of a Bid will be on the basis of form of Price Schedules/ Financial Bid Form 7.9 to be decided by the Procuring Agency which must include clear cut instruction regarding item wise or package wise/Lot wise evaluation inclusive of prevailing taxes, duties, fees etc.

2.5.9. Contacting the Procuring Agency

- i) Subject to ITB Clause 2.5.3, no Bidder shall contact the Procuring Agency on any matter relating to its Bid, from the time of the Bid opening to the time the evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it should do so in writing.
- ii) Any effort by a Bidder to influence the Procuring Agency during Bid evaluation, or Bid comparison may result in the rejection of the Bidder's Bid.

2.5.10. Grievance Redressal

- i) As per Rule-67 of PPR-14, Procuring Agency shall constitute a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints. The GRC shall not have any of the members of the Procurement Evaluation Committee. The Committee may preferably have one subject specialist depending upon the nature of the procurement in addition to one person with legal background as per their availability to the Procuring Agency.
- ii) Any Bidder feeling aggrieved can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found contrary to provision of Rule 33, and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.
- iii) Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the bidding documents found contrary to provision of Rule 34 and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.

- iv) Any Bidder feeling aggrieved by any act of the Procuring Agency after the submission of his Bid may lodge a written complaint concerning his grievances not later than ten days after the announcement of the Final evaluation reports. In case of single stage - two envelope bidding procedure any bidder feeling aggrieved from technical evaluation may file a grievance within 5 days of announcement of the technical evaluation report. After completion of the technical evaluation process, the procuring agency shall immediately upload the technical evaluation report on the website of PPRA and Procuring Agency for obtaining/ receiving grievance petitions from the prospective bidders (if any).
- v) In case, the complaint/grievance is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report. Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelop bidding procedure is adopted.
- vi) The GRC shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

2.6. Award of Contract

- 2.6.1. Notification of Award**
 - i) Prior to the expiration of the period of Bid validity, the Procuring Agency will notify the successful Bidder in writing by registered letter and by email to be confirmed in writing by registered letter, that its Bid has been accepted.
 - ii) The notification of award will constitute the formation of the Contract.
 - iii) Upon the successful Bidder's furnishing of the Performance Guarantee pursuant to ITB Clause 2.6.2 (i), the Procuring Agency will promptly notify each unsuccessful Bidder and will discharge its Bid security, pursuant to ITB Clause 2.3.8 (v).
- 2.6.2. Performance Guarantee**
 - i) Within fifteen (15) *[to be decided by the procuring agency]* days of the receipt of notification of award from the Procuring Agency, the successful Bidder shall furnish the Performance

Guarantee in accordance with the Conditions of Contract, in the Performance Guarantee Form provided in the Bidding documents, or in another form acceptable to the Procuring Agency.

- ii) Failure of the successful Bidder to comply with the requirement of ITB Clause (i) above or ITB Clause 2.6.3 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security along with other remedies available under PPR-14. After that, the Procuring Agency may decide to award the contract to the next lowest evaluated Bidder, keeping in view the Bid validity time, or call for new Bids keeping in view the concept of value for money as defined under rule-2(ae) read with Principles of Procurement as enunciated in rule-4 of PPR-14.

2.6.3. Signing of Contract/ Issuance of Purchase Order

- i) At the same time as the Procuring Agency notifies the successful Bidder that its Bid has been accepted, the Procuring Agency will send the Bidder the Contract Form provided in the Bidding documents, incorporating all agreements between the parties or will issue the purchase order *[as the case may be]*.
- ii) Under rule-63 of PPR-14, where the Procuring Agency requires formal signing of contract, within seven (07) days of receipt of the Contract Form, the successful Bidder shall sign and mention date of the contract and return it to the Procuring Agency.
- iii) Where no such formal signing is required by the procuring agency, the procuring agency shall issue purchase order after the receipt of required performance guarantee, as per rule 55 of PPR-14.

2.6.4. Award Criteria

- i) Subject to ITB Clause 2.6.2, under rule-55 of PPR-14, the Procuring Agency will award the contract to the successful Bidder whose Bid has been determined to be responsive and has been determined to be the lowest evaluated Bid, provided that the Bidder has been determined to be qualified to perform the contract satisfactorily.

2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award

- i) The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

2.6.6. Procuring Agency's Right to Accept or Reject All Bids

- i) As per rule 35 of PPR-14, the Procuring Agency reserves the right to accept or reject all Bids or proposals (and to annul the Bidding process) at any time prior to the acceptance of any Bid or proposal, without thereby incurring any liability towards the Bidders.
- ii) The Bidders shall be promptly informed about the rejection of the Bids, if any
- iii) The Procuring Agency 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.

2.6.7. Re-Bidding

- i) If the Procuring Agency rejects all the Bids under rule 35, it may proceed with the process of fresh Bidding but before doing that it shall assess the reasons for rejection and may, if necessary, revise specifications, evaluation criteria or any other condition for Bidders.

2.6.8. Corrupt or Fraudulent Practices

- i) The Procuring Agency Bidders, Suppliers, and Contractors observe the highest standard of ethics during the procurement and execution of contracts.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009, which is as follows:

“(d) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

- i. Coercive practice by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;*
- ii. Collusive practice by arrangement between two or more parties to the procurement process or Contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;*
- iii. Offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
- iv. Any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;*
- v. Obstructive practice by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a Contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts*

intended to materially impede the exercise of inspection and audit process.”

ii) Blacklisting & Debarment:

Blacklisted Bidders i.e. firms/companies/sole proprietor/ general order suppliers/ JVs etc. and those found involved in “Corrupt Practices” are not allowed to participate in bidding.

Requirements & Procedure for Blacklisting & Debarment:

as per S-17A of PPRA, Act, 2009:

“17A. Blacklisting. – (1) *A procuring agency may, for a specified period and in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor indulges in corrupt practice or any other prescribed practice.*

(2) *The Managing Director may, in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of all or some of the procuring agencies for a specified period.*

(3) *Any person, aggrieved from a decision of a procuring agency, may within prescribed period prefer a representation before the Managing Director.*

(4) *A procuring agency or any other person, aggrieved from a decision of the Managing Director, may within prescribed period prefer a representation before the Chairperson whose decision on such representation shall be final.]*

As per rule 21 of PPR-14:

21. Blacklisting. –(1) *A procuring agency may, for a specified period, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor has:*

(a) acted in a manner detrimental to the public interest or good practices;

(b) consistently failed to perform his obligation under the Contract;

(c) not performed the Contract up to the mark; or

(d) indulged in any corrupt practice.

(2) If a procuring agency debars a bidder or Contractor under sub-rule (1), the procuring agency:

(a) shall forward the decision to the Authority for publication on the website of the Authority; and

(b) may request the Authority to debar the bidder or Contractor for procurement of all procuring agencies.

(3) The Managing Director may debar a bidder or Contractor of any procuring agency from participating in any public procurement process of all or some of the procuring agencies for such period as the Managing Director may determine.

(4) Any person aggrieved by a declaration made under rule 20 or a decision under sub-rule (1) of this rule may, within thirty days from the date of the publication of the information on the website of the Authority, file a representation before the Managing Director and the Managing Director may pass such order on the representation as he may deem fit.

(5) Any person or procuring agency aggrieved by an order under sub-rule (3) or (4) may, within thirty days of the order, file a representation before the Chairperson and the Chairperson may pass such order on the representation as he may deem appropriate.

(6) The mechanism or process for barring a bidder or Contractor from participating in procurement process of a procuring agency, procuring agencies and a representation under this rule is specified in the Schedule appended to these rules.

As per Schedule appended with PPR-14:

SCHEDULE

see sub-rule (6) of rule 21

BLACKLISTING MECHANISM OR PROCESS

1. *The procuring agency may, on information received from any resource, issue show cause notice to a bidder or Contractor.*
2. *The show cause notice shall contain:*
 - (a) precise allegation, against the bidder or Contractor;*
 - (b) the maximum period for which the procuring agency proposes to debar the bidder or Contractor from participating in any public procurement of the procuring agency; and*
 - (c) the statement, if needed, about the intention of the procuring agency to make a request to the Authority for debarring the bidder or Contractor from participating in public procurements of all the procuring agencies.*
3. *The procuring agency shall give minimum of seven days to the bidder or Contractor for submission of written reply of the show cause notice.*
4. *In case, the bidder or Contractor fails to submit written reply within the requisite time, the procuring agency may issue*

notice for personal hearing to the bidder or Contractor/ authorize representative of the bidder or Contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.

5. *In case the bidder or Contractor submits written reply of the show cause notice, the procuring agency may decide to file the matter or direct issuance of a notice to the bidder or Contractor for personal hearing.*
6. *The procuring agency shall give minimum of seven days to the bidder or Contractor for appearance before the specified officer of the procuring agency for personal hearing.*
7. *The procuring agency shall decide the matter on the basis of the available record and personal hearing of the bidder or Contractor, if availed.*
8. *The procuring agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.*
9. *The procuring agency shall communicate to the bidder or Contractor the order of debaring the bidder or Contractor from participating in any public procurement with a statement that the bidder or Contractor may, within thirty days, prefer a representation against the order before the Managing Director of the Authority.*
10. *The procuring agency shall, as soon as possible, communicate the order of blacklisting to the Authority with the request to upload the information on its website.*
11. *If the procuring agency wants the Authority to debar the bidder or Contractor from participating in any public procurement of all procuring agencies, the procuring agency shall specify reasons for such dispensation.*
12. *The Authority shall immediately publish the information and decision of blacklisting on its website.*
13. *In case of request of a procuring agency under para 11 or representation of any aggrieved person under rule 21, the Managing Director shall issue a notice for personal hearing to the parties and call for record of proceedings of blacklisting. The parties may file written statements and documents in support of their contentions.*
14. *In case of representation of any aggrieved person or procuring agency under rule 21, the Chairperson shall issue a notice for personal hearing to the parties and may call for the record of*

the proceedings. The parties may file written statements and documents in support of their contentions.

15. *In every order of blacklisting under rule 21, the procuring agency shall record reasons of blacklisting and also reasons for short, long or medium period of blacklisting.*
16. *The Authority shall upload all the decisions under rule 21, available with it, on its website. But the name of a bidder or Contractor shall immediately be removed from the list of blacklisted persons on expiry of period of blacklisting or order of the competent authority to that effect, whichever is earlier.*
17. *An effort shall be made for electronic communication of all the notices and other documents pursuant to this mechanism or process.”*

iii) Furthermore, Bidders must keep themselves aware of the provision stated in clause 5.4 and clause 24.1 of the General Conditions of Contract.

2.6.9. Quantity and volume of the goods to be considered in mind
[Framework Contract Modality]

- i) While quoting the rate in a framework contract, the Bidder must consider the following facts:
 - a. Certain volume and quantity of the goods as prescribed in Bid Data Sheet.
 - b. The Bidder have to maintain the rates of the goods for the whole financial year.
 - c. The Bidder should quote the rate as per Price Schedule/ Financial Bid form. In case of non-observance of prescribed format, Financial Bid may be rejected.

Section-III. Technical Specifications

3.1. Technical Specifications

LOT- 01 Multimedia Projectors for Classrooms

Minimum Required Specifications

Display / Image (Ultra Short Throw)

1. **Display Technology:** ECD DMD
2. **Light Source Type:** Laser
3. **Brightness:** 3,000 lumens or higher
4. **Contrast Ratio:** 2,000,000:1 or higher
5. **Laser Life:** 30,000 hours or higher
6. **Resolution:** 4K UHD (3840x2160) or Higher
7. **Aspect Ratio:** Native 16:9, Compatible 4:3
8. **Scan Rate:** H:15~90KHz, V:50-80 Hz
9. **Image Display:** 80"-120" or higher
10. **Color Wheel:** 6 Segment RGBRGB or higher
 11. **Color Depth:** 3840x2160, 60Hz YUV 4:4:4/YUV 4:2:2(8bit), YUV 4:2:0(8/10/12bit). 3840 x2160, 30Hz YUV 4:4:4/4:2:2/4:2:0 (8/10/12bit).
12. **Display:** 1 billion colors or higher.
13. **Input Resolution:** 4K (4096 x 2160, up to 30Hz), 4K UHD (3840 x 2160, up to 60Hz)
14. **Projection:** Front, Rear, Ceiling and Tabletop
15. **Keystone:** +5/-10 vertical, +/- 5 horizontal
16. Support of REC709, REC2020.
17. **Throw Ratio:** 0.25:1 or above
18. **Projection distance:** 08" - 24"
19. **Native offset:** 124%

Connectivity

20. **Input:** 2 x HDMI 2.0, 1 x USB 2.0 for 4K, 1 x RJ45, 1 x HDMI 1.4 3D support, Bluetooth audio (Input & Output)
21. **Output:** 1xS/PDIF, 1xUSB A power, 1xAudio 3.5m

General

22. **Noise Level:** Less than 28dB
23. **Compatibility:** UHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD 720p & 1080p, VGA
24. **2D Compatibility:** 480i/p, 576i/p, 720p, 1080i/p, 2160p, Support all format of PAL, SECAM, NTSC
25. **3D Compatibility:** Yes
26. **OSD Languages:** Multiple Language (English etc.)
27. **Speaker:** Built-in Loudspeakers
28. **Power:** 100 ~ 240V, 50 ~ 60Hz
29. **OS & Auto Play:** Android 8.0 or Higher with support for Google Assistant, Alexa. Support for auto play PDF, PPT, MS Office document, Images etc. Application for Android and IOS with auto image alignment system.

Network Connectivity

30. **Wi-Fi:** Dual-Band, (2x2) 802.11ac.
31. **Wi-Fi Security:** WAP2, WEP, TKIP, AES
32. **Bluetooth:** Bluetooth 4.0 or higher

Wireless presenting dongle with Full HD 1080P support to project wirelessly from Mobile/ Laptop/ Desktop, MHL, USB Power, Laptop Mirroring, DLNA.

Screen: Auto Screen (120")

Accessories: Ceiling Mount Kit, 10 Meter HDMI compatible cable, powercord, remote control, mouse, user manual

LOT- 02 Computer/Laptop for Faculty and Senior Staff

LAPTOP Core i7		
Sr #	ITEM	Description (Minimum Specifications)
1	Brand/ Company	Lenovo / Dell or equivalent
2	Processor	11th Generation Intel Core i7 (4.4 GHz Maximum Turbo frequency) or higher
3	Chipset	Integrated with TPM 2.0
4	Graphics	Integrated
5	System Memory	16GB DDR4 or higher.
6	Hard Disk Drive	256GB SSD or higher
7	Keyboard/Touchpad	Standard keyboard and Precision Touchpad
8	Display	14"- 15.6" or higher FHD Display.
9	WIFI and Bluetooth	2x2 Wireless (802.11 b/g/n or ac)
10	Carrying Case	Standard carrying case of same brand
11	Mouse	Wireless Optical Mouse of same brand.
12	Audio	built-in speakers
13	I/O Ports	Audio/ Microphone Jack, 2 x USB 2.0/3.0/3.1 or more, 1X HDMI/VGA port.
14	Battery and Adaptor	minimum 3-4 hours battery life
15	Camera	Built-in Camera
16	LAN	Gigabit Ethernet LAN

LOT- 03: VDI Thin Terminal with Core Equipment and Display
Technical Specifications (Supply, Installation, Integration and Commissioning
turnkey basis (Firm/Company required to bid for whole LOT).

The minimum requirements of VDI Solution are given below. The quoted systems and all other specifications should be equal or higher.

ACTIVE EQUIPMENT	
Desktop Cloud Software:	Qty.
Overall Requirements:	
To ensure continuous investment and advancement in the cloud computing field, vendors must be members of international mainstream cloud computing standards organizations (such as OpenStack) and provide proofs.	
Provides virtualization software and desktop cloud software with independent intellectual property rights.	
In order to ensure the diversity and flexibility of hardware selection, the combination of software and hardware is required to be diverse. Vendors can provide integrated software and hardware delivery solutions or only software solutions to be compatible with hardware servers of different brands and performance in the future.	
The running interface of the virtual desktop is transmitted to the client in the form of screen change data. When no other device is connected, only the screen change instruction and the client input instruction are transmitted on the network. In this way, the data is not stored locally.	
There must be three local references of the OEM proposed solution in education sector and one reference should be in exam center.	
User Experience:	
Smooth operation and no frame freezing.	
To ensure the same startup experience as PC, the desktop startup and shutdown processes are visualized. Users can view the VM startup and shutdown processes completely. (Provide screenshots for proof)	
To ensure the same login experience as a PC, users can directly log in to and use virtual desktops after powering on TCs. (Provide configuration screenshots for proof.)	
To minimize the impact of the network on user experience, the desktop cloud must be able to be used smoothly when the bandwidth is low.	
When an existing PC is used as the access terminal, the start menu and local resources of the local PC are shielded. (Provide screenshots for proof)	
Management Capability:	
To quickly deploy the office environment, the solution provides the quick virtual desktop provisioning function. VMs can be created and provisioned in one operation without administrator intervention.	
Supports remote session management. Administrators can remotely disconnect and log out user sessions. The administrator can send messages to users in batches.	
Supports set virtual desktops to the maintenance mode to prevent users from logging in to the system by mistake during system upgrade.	

Supports remote assistance. Administrators can initiate assistance requests. Users can view and operate virtual desktops after obtaining their consent.	
Supports automatic upgrade of the virtual desktop agent. You can configure the administrator forcible update, administrator notification update, and user self-service update.	
Supports status monitoring and alarm reporting, health check, and one-click log collection for all desktop cloud infrastructure components.	
Supports customize the CPU, memory, disk, and network thresholds of clusters, hosts, and VMs. Alarms are classified into warning, minor, major, and criticalalarms based on the severity. Email subscription is supported.	
The desktop cloud management system supports local accounts and AD domain accounts. Users can log in to the system only from a specified IP address segment and time segment. Password complexity and conditional lockout policies can be configured.	
The desktop cloud management system allows administrators to view, filter, and export operation logs. Logs cannot be modified or deleted but can be traced.	
CPU/memory specifications can be added online in batches. The settings take effect after VM restart. Virtual NICs can be added or deleted online, and disks can be expanded online. The functions take effect immediately.	
Security:	
To ensure data security, the desktop cloud system and data must be stored in the data center and cannot be stored on terminals.	
Supports security policies, such as forcible password change upon first login, periodic password change, graphic verification code, and two-factor authentication, to ensure user identity security.	
Allows users to log in only from specified terminals or time by IP address (segment), MAC address (group), and time range. Certificate authentication is supported. A BYOD device without a certificate cannot be logged in to.	
Supports binding between users and MAC addresses. Users can log in only from terminals with specified MAC addresses. PCs, TCs, and mobile terminals are supported. Supports manual entry, batch import, and automatic binding upon the first login (users can be maintained and excluded).	
Supports the watermark function. Administrators can configure the color, font size, number of entries, tilt, and customized display content.	
Supports automatic desktop reconnection upon intermittent network disconnection. When the network is unstable, the desktop can be automatically reconnected withoutre-entering the password. The number of reconnection times and interval are configurable.	
Supports common deletion and secure deletion of virtual desktops. Secure deletion erases physical disks by writing zero data to prevent user data from being stolen or maliciously used.	
Supports transfer of files, folders, and clipboards between terminals and virtual desktops. Supports read-only (only access), write-only (only access), and read-write (bidirectional) modes.	
Reliability:	
HA is supported. When a server is faulty, VMs can be automatically migrated.	
Supports cluster load balancing scheduling policies. Scheduling tasks can be triggered based on the CPU and memory usage. VMs are dynamically selected during startup and automatically migrated to low-load hosts during running, implementing automatic load balancing.	
Supports live migration of virtual desktops between different hosts and storageLUNs	

without interrupting services.	
High-availability health monitoring and automatic failover capabilities are provided between infrastructure components without external components or manual assistance. After a user obtains a VDI desktop connection, the failure of a single component does not affect the user's use.	
The mutual exclusion function of management VMs can be configured to ensure that components that provide the same functions run on different physical hosts, ensuring high availability of the platform.	
Management data (such as databases, logs, and certificate files) can be automatically backed up. Management data can also be backed up to a third-party FTP server. Scheduled backup and immediate backup are supported.	
Scalability:	
To support capacity expansion, the number of online desktops that can be managed by a single desktop cloud management system is greater than or equal to 5000.	
VM Specification Requirements:	
A maximum of 200 VMs can be provisioned. Each VM provides 2 vCPUs, 4 GB memory, and at least 50 GB storage capacity to support smooth running of Windows 10 & 50GB volume disk.	200 VDI Clients
VMs are required for application deployment. The specifications are as follows: 16 vCPU, 32 GB memory, and at least 280 GB storage capacity.	02 VMs
Warranty:	
OEM warranty need to be added for 3 years 9*5*NBD.	
Hyper-converged Appliance:	Qty.
Qualification:	
The bidding product has been launched for more than three years and has independent intellectual property rights. The hardware and software of the hyper-converged system are not OEM products. (Provide hardware BMC and storage software certificates and patents.)	
The bidding product vendor must be a Gartner Magic Quadrant brand for hyper-convergence and provide Gartner reports.	
Management Capability:	
Monitors and manages computing, storage, switches, and virtualization platforms on the same management interface.	
Centralized management solutions can be deployed by schools, or local sites can be deployed based on network conditions. The access center can be managed in a unified manner.	
Management nodes work in active/standby mode to ensure platform availability. If a single management node is faulty, services are not affected.	
Supports one-click capacity expansion of storage, computing, and network resources on the GUI. The OS and virtualization platform software installation and initial configuration are automatically completed for added nodes.	
Backup software is provided. Users can easily access the backup system through a browser at no extra charge. Supports agentless VM backup and permanent incremental backup. The backup system ensures that each backup contains a complete VM image, which is a full virtual backup. You do not need to merge backup data when restoring and deleting backup data	
Distributed Storage Capability:	
Distributed storage software is built on standard x86 hardware. Non-open-source software is developed. For example, open-source Lustre, GlusterFS, and Ceph software cannot be	

used. The decentralized architecture and data redundancy technology at the software layer achieve high scalability and high availability.	
Multi-copy or EC data redundancy mode is supported to meet high reliability requirements.	
A single storage cluster can be expanded to 256 or more nodes.	
A single storage cluster supports a maximum of 64 storage resource pools, and a single storage resource pool supports a maximum of 512 disks.	
A single system supports at least 1000000 storage volumes, and the maximum capacity of a single volume is greater than or equal to 256 TB.	
Warranty:	
OEM warranty need to be added for 3 years 9*5*NBD	
Terminal:	Qty
Overall Requirements:	
Provides 200 terminals. To ensure consistency and convenience of maintenance, terminals must be of the same brand as desktop cloud software, virtualization software, servers, storage devices, and switches.	
Pass the CCC, CE, ROHS, and RFID certifications.	
Hardware:	
Vendors provide terminals with multiple architectures, including ARM and x86.	
Software:	
ARM-based terminals support the embedded operating system Android or Linux. Terminals using the x86 architecture support Linux or Windows.	
To manage terminals in batches, a terminal management system must be provided. The management system can remotely perform centralized maintenance, configuration, deployment management, security management, asset management, and performance monitoring on terminals. You can restore, upgrade, and install patches on terminals in batches.	
To prevent terminals from being damaged due to sudden power failure in the office area, the terminal management system provides power management functions such as periodically shutting down terminals. (Provide screenshots to prove it.)	
A self-service connection and maintenance tool is provided to facilitate troubleshooting and automatic rectification of terminal exceptions. The detection objects include but are not limited to the network adapter status, desktop agent, IP address, system clock, desktop protocol service status, and VM registration status. In addition, the one-click repair function is provided. (Provide screenshots for proof)	
The client integrated in the terminal needs to provide a network status indicator so that users can learn the network status in a timely manner when the network is abnormal. When user experience is not smooth, users can determine whether the network is normal based on indicators. (Provide screenshots to prove it.)	
Network Switches:	
24 Port Core Switches	
24 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28	
Dual pluggable power modules, 1+1 power backup	
Forwarding Performance 450Mpps or higher	
Switching capacity: 1.5 Tbps or higher	
The switch should support Jumbo frames up to 8Kbytes.	
Must include redundant power supplies.	
Must support 4GB RAM or higher.	
	02

Layer 2 Features	
The equipment must support up to 200K MAC address tables.	
Must support Mac-based, Port-based, protocol-based, and IP subnet-based VLAN assignment	
Should support Ethernet Ring Protection Switching	
Switch must support the IEEE 802.1ad (Q-in-Q) standard, voice VLAN or equivalent, Port aggregation, STP, RSTP, MSTP.	
Layer 3 Features	
The equipment shall support static route, RIPv1/v2, OSPF, IS-IS, BGP, RIPng, ISISv6, OSPFv3, BGPv4+, GR for OSPF/IS-IS/BGP, IP FRR, IPv4/IPv6 dual stack, VRRP.	
Should support up to 120K routing entries.	
Multicast	
The equipment shall support IGMP proxy, IGMP snooping, MLD snooping v1/v2, PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3	
QoS	
Ingress and egress traffic shaping and VLAN based traffic limit.	
Queuing algorithms, such as SP, WRR, DRR, SP + WRR, and SP + DRR.	
Flow mirroring.	
Security	
The equipment must support bidirectional ACL, port-based ACL, VLAN-based ACL, CPU defense, DAI (Dynamic ARP Inspection), DHCP Snooping, Denial of Service (DoS) attacks, SYN Flood attacks, Port-based network access control according to IEEE 802.1x standard	
Network O&M	
The equipment must support SNMPv1/v2c/v3, Telnet, RMON, SSHv2, CLI, web management, automatic configuration, and batch remote upgrade.	
24 Port Access Switches:	
24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports, 2 x 12GE stack ports	
1+1 power supply backup	
Forwarding performance: 150 Mbps	
Switching capacity*: 200Gbps or more	
Must support RAM 2GB or more	
Co-Care_36Month(s)	
Layer 2 Features	
The equipment must support up to 32K MAC address tables	
Should support Ethernet Ring Protection Switching	
Support Mac-based, Port-based, protocol-based, and IP subnet-based VLAN assignment, up to 4K active VLAN, Guest VLAN or equivalent, voice VLAN or equivalent	9
Layer 3 Features	
The equipment must include Static route, RIP, RIPng, and OSPF features and provide at least 2K FIBv4 entries.	
Multicast	
The equipment must support IGMP snooping v1/v2/v3, MLD snooping v1/v2, multicast VLAN replication	
QoS	
The equipment must support ingress and egress traffic shaping and VLAN based traffic limit, flow mirroring	

Security	
The equipment must support bidirectional ACL, port-based ACL, VLAN-based ACL, automatic isolation of attack sources, CPU defense, DAI (Dynamic ARP Inspection), DHCP Snooping, IP Source Guard, port-based network access control according to IEEE 802.1x standard	
Network O&M	
The equipment must support SNMPv1/v2c/v3, Telnet, RMON, SSHv2, CLI, web management and automatic configuration	
SFP Modules:	Qty.
10G Single Mode SFP+ modules (1.4 KM Range)	10 Pair
10G Single Mode SFP+ modules (10 KM Range)	3 Pair

PASSIVE EQUIPMENT		
ITEM	SPECIFICATION:	Qty.
UTP Cable	Cat 6 UTP 4 pair cable, Conductor: Solid Bare Copper AWG 23, 305 Meter Box	30 Roll
Patch Panel	24 Port Patch Panel with Top Label Holder including 24 Cat-6 Toolless I/O With Shuttered Fully Loaded,	10 nos
Cable Manager	Front Cable Manager Horizontal, IU, PVC	15 nos
UTP Patch Cable (cord)	Patch Cord, UTP Cat-6 Patch Cord, RJ45 to RJ45, 3- Meter, PVC	220 nos
	Patch Cord, UTP Cat-6 Patch Cord, RJ45 to RJ45, 1- Meter, PVC	220 nos
Face Plates	Face Plate without Shuttered & with Top Label Holder	220 nos
RJ 45 I/O Module	UTP Cat-6 RJ-45 Toolless I/O With Shuttered White	220 nos
Back Box	Back Box for Face Plate	220 nos
RJ 45	Connector Box	1 nos
Data Rack/Cabinets	42U standard Rack for Switches with front & back 70% vented perforated lockable doors - Load capacity 1200 Kg, 16-18SWG, one fixed tray, 4 fans mounted on TOP, Black powder coated, with 8 ports PDU (Quantity = 4) and PDU should be verified by ROHS & CE.	02 nos
Optical Fiber Cable	24-Core Single mode Fiber Optic Cable Outdoor Direct Burial (In Meters)	1800
	Soft and Hard Digging and Refilling (in meters)	1500
ODF & Splicing	24 Port Wall Mount/Rack Mount Optical Fiber ODF with Adapters & Splicing Tray	06 nos

	Fiber Splicing with OTDR Testing	As per requirement
	Single Mode fiber patch cord SC-LC (3Meter Duplex)	25 nos
Joint Box	ODF Joint box for Fiber Cable 24 Core.	10 nos
Cable Ties	Cable Ties 10 Inch	100 nos
	Cable Ties 12 Inch	100 nos
Pipes	PVC Flexible Pipe, 1-inch (10 feet Length)	1000
	PVC Flexible Pipe, 2 inch (10 feet Length)	500
	Pipe HDPE For Fiber 1" (in meters)	1900
Duct	PVC Duct 16x38 (in feet)	700
Steel Cable	Steel Cable Tray 3"x12" with Cover all Accessories and Complete Fitting Material (in feet)	250
Installation	Cable Laying, Ducting, Fixing of Cable Tray, and Complete Installation	200 points
	Installation of CCTV Cameras	12 points
	Termination/Tagging/ Hanging of Material Face Plate End and Patch Panel End Data, Telephone, CCTV and TV Points	200 points
Fluke Testing	Fluke Testing with DTX-1800	200 points
CCTV Camera(s)	<p>2MP IP Camera, CMOS image sensor, high image definition</p> <ul style="list-style-type: none"> ▪ Outputs max. 2MP (1920 × 1080p) @25/30 fps ▪ High compression rate, ultra-low bit rate ▪ Built-in IR LED, max. IR distance: 80 m ▪ ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments ▪ Abnormality detection: Motion detection, video tampering, network disconnection, IP conflict ▪ 12V DC/PoE power support ▪ IP67 protection 	12
NVR	32 Channel with 2 HDDs x 3 TB HDDs	01
PoE Switches	4 Ports PoE Switch 10/100 Mbps	05
UPS		
ITEM	SPECIFICATIONS:	Qty.
UPS 10KVA	Switching Time: 0 ns	02
	Topology: Online double conversion VFI/DSP with input PFC and automatic bypass	
	Load Capacity (VA): 10000 VA	
	Load Capacity (Watt): 9000 W	
	Waveform: Sine Wave	
	Input: L-N: 175-280V ± 5 AC, 40Hz~70Hz	
	AC Output Voltage Regulation must be less than ±3%	
	Output frequency must be in 50±0.5%Hz (battery mode).	
	Output frequency tracking speed : 0.5-1zHz/S	
	Output power factor must be more than 0.9	
	Overload Protection: Yes	
Communication: Modbus built-in (JBUS)/SNMP		

	Output Voltage: L-N 220 V AC, 230 V AC, 240 V AC	
	Battery backup: Separate rack mounted battery pack for 10min backup at full load	
	Warranty: 1 Years	

LOT- 04: Printers and Photostat Machines

Network Printer with Duplexer Specifications:

Specification	Description
Printing Technology	LaserJet
Print Speed	At Least 50 Pages Per Minutes
Print Resolution	At least 450 x 450 dpi
Paper Handling	Supports at least A4, A5, B5, and Legal
Duplex Printing	Automatic Double-Sided Printing Capability
Connectivity Options	USB, Ethernet, Wi-Fi, NFC, Mobile Printing, Cloud Connectivity
Security Features	User Authentication, Data Encryption, Secure Printing, Access Controls
Operating System Support	Windows, MacOS, and Linux
Power Consumption	Energy Star certified with maximum power consumption of 1000 watts
Support & Warranty	At least 1-year manufacturer warranty

Color Laser Printer Specifications:

Printing Technology	Laser color
Print Speed	30 ppm
Print Resolution	600 x 600 dpi
Scan Resolution	600 dpi
DurabilityRatings	Monthly page volume: 5,000 to 10,000 pages
Paper	A3, A4, A5
Duplex PrintOptions	Automatic (standard)
Media Types	Paper (plain, light, bond, recycled, mid-weight, heavy, extra heavy, mid-weight glossy, heavy glossy, extra heavy glossy, cardstock, card glossy), colour transparency, labels, letterhead, envelope, pre-printed, user-defined
Connectivity	Gigabit LAN, USB
Warranty	At least 1-year manufacturer warranty

Photostat Machines (Heavy Duty) for Library and Examination Office

Specification	Description
Machine Type	Heavy-Duty Photostat Machine
Printing Technology	Electro photographic (Laser)
Print Speed	At least 70 pages per minute
Maximum Paper Size	Supports at least A4, A5, B5, B3 and Legal
Paper Capacity	Typically 500 sheets or more
Duplex Printing	Yes, automatic double-sided printing
Print Resolution	1200 x 1200 dpi or higher for sharp text and graphics
Monthly Duty Cycle	50,000 to 200,000 pages or more
Warm-Up Time	Typically less than 30 seconds
First Page Out Time	Less than 10 seconds (fastest models)
Copy Features	Automatic document feeder, duplex copying, reduction/enlargement, collation, stapling (optional)
Scan Features	Built-in flatbed scanner, scanning speed, scan-to-email/USB/network, scan resolution
Supported Paper Types	Various paper types including plain, bond, cardstock, transparencies
Input Interfaces	USB, Ethernet, Wi-Fi (optional)
Operating System Support	Compatibility with Windows, macOS, Linux
Security Features	Secure printing, user authentication, data encryption
Power Consumption	Energy Star certified with maximum power consumption of 1000 to 1500 watts
Warranty	At least 1 year Manufacturer's warranty

Desktop Network Printer Specifications:

Specification	Requirement
Printing Technology	LaserJet
Print Speed	At least 30 pages per minute
Print Resolution	At least 300 x 300 dpi
Duplex Printing	Automatic double-sided printing
Paper Sizes	Supports at least A4, A5, B5, and Legal
Connectivity	USB, Ethernet, and Wi-Fi
Security Features	User authentication, secure printing, and data encryption
Operating System Support	Windows, MacOS, and Linux
Power Consumption	Energy Star certified with maximum power consumption of 700 watts
Warranty	At least 1-year manufacturer warranty

LOT- 05 Technical Specifications (Network Equipment for IT Labs)

Sr. No.	Network Devices	Specifications	QTY
1	(24 port PoE) Access Switch (Huawei, Cisco or Equivalent)	<p>General Specifications:</p> <ul style="list-style-type: none"> • 24 x Ethernet 10/100/1000 Base-T PoE + ports with 370W PoE Power, 4 x 10 Gig SFP + ports (2 x 10G single Mode SFP+ Modules included) • Switching capacity at-least 128 Gbps or higher and forwarding throughput of 96 Mbps or higher • Switch should support stacking up to 8 switches and include stack modules/Cables. 	10
2	UTP Cable CAT-6 or Higher	<ul style="list-style-type: none"> • Comply with Cat6 or higher specifications • 4-pair unshielded twisted pair (UTP) cable • Pairs are braided in aluminum foil with drain wire • 23 AWG solid copper conductor for superior conductivity • HDPE insulation • FR PVC Jacket • Verified compliant with EIA/TIA standards by ETL • UL-listed • Packaged in an easy-to-pull box for easier installation • Conductor: 23 AWG (Solid) • Conductor Meta: Bare Copper • Insulation Material: HD-PE • OD: 6.1mm ±0.2 • Resistance Unbalance: 5% Max • Capacitance Unbalance: 330pF/100m • Delay Skew: <45nS 	15
3	<p>Patch Panels (24 Port/Slots)</p> <p>2.1 Cable Managers</p>	<p>3</p> <ul style="list-style-type: none"> • 24 RJ45 ports numbered, labeled and color-coded for easy cable identification Supports • EIA/TIA T568A/B wiring standards for Krone-type terminations <p>3.1</p> <ul style="list-style-type: none"> • Provides flexibility for front cable management with a neat and clean appearance • 24 Extra-wide slotted ducts offer horizontal front side cable management • Designed to fit all standard 19" racks and enclosures 	10

		<ul style="list-style-type: none"> Rack mount space (RMS) (1U) 	
4	I/O Ports 4.1 Face Plates with back boxes	4 <ul style="list-style-type: none"> RJ45 Connector, Cable Creation Pack Cat6 Keystone Jacks Ethernet Cable Ends Keystone Modular Female Connectors Network Plug, White 4.1 <ul style="list-style-type: none"> Faceplates are designed to provide optimal outlet separation to reduce alien cross talk. Part of the Premium 5e cabling system & System 6 cabling system. Slide-in designation labels allow users to easily identify connections at the outlet. Best net faceplates available in Bright White color. Fits into most single gang boxes for wall mounting. Built-In shutter to prevent dust. Includes head screws and back boxes to secure cover to base 	100

LOT- 06 TECHNICAL SPECIFICATIONS OF SOUND/AUDIO SYSTEM

SR. NO	ITEM	TECHNICAL SPECIFICATIONS	QTY
	Audio Conferencing Main Unit/Controller	<ul style="list-style-type: none"> Fully digital central control unit and conference system Control unit should have built in audio recording option in either USB, SD Card or inbuilt memory. Preferably all threemodes. LCD Menu screen for digital selection of various menu options and control Capacity to connect minimum 80 microphones (chairmanunit/Delegate Unit) along with provision to extend the microphones by adding another control machine. Built in audio recording feature should also be able to playback the recorded 	

		<p>audio on system.</p> <ul style="list-style-type: none"> • Track forward and rewind option in CCU • Various meeting modes including <ul style="list-style-type: none"> ○ Limited mode: 1~6pcs units can be opened simultaneously. ○ FIFO mode: the last opened MIC covers the first opened MIC. ○ Apply mode: Chairman can approve or reject the speaking. ○ Voice activating mode • ID Selection for each microphone along with Circuit checkafter each startup of CCU. • Digital circuit which enables to cancel out all unwanted noiseand disturbance from Mobile phones and other wireless devices. • Key specifications required: <ul style="list-style-type: none"> ○ Audio input: RCA * 2, 6.3mm * 1, XLR * 1 ○ Audio output: RCA * 2, XLR * 1 ○ Frequency response: 18Hz-20Khz ○ SNR 102 Db ○ Dynamic range 106dB ○ Connector: Big 8 Pin DIN 	01
	Audio Conferencing Chairman Unit	<ul style="list-style-type: none"> • Table Top chairman unit • Frequency response :18Hz—20KHz • MIC type: Capacitive • Sensitivity of MIC: -47dB • SNR: 90dB • Dynamic Range: 92dB • Total harmonic distortion :< 0.05% • Working power: 24v DC, • Working current: 40mA • Maximum consumption: 1W • Control type: RS—485 • Earphone output: 16Ω, 250mW / 32Ω, 125mW • Connection mode: Hand in hand • Connector: Big 8 pin DIN • Speaker: Built-in high-fidelity speaker. 	01
	Audio Conferencing Delegate Unit	<ul style="list-style-type: none"> • Table Top Delegate unit • Frequency response :18Hz—20KHz • MIC type: Capacitive • Sensitivity of MIC: -47dB • SNR: 90dB • Dynamic Range: 92dB • Total harmonic distortion :< 0.05% • Working power: 24DC, -5% • Working current: 40mA ±5% • Maximum consumption: 1W • Control type: RS—485 • Earphone output: 16Ω, 250mW / 32Ω, 125mW • Connection mode: Hand in hand 	25

		<ul style="list-style-type: none"> • Connector: Big 8 pin DIN • Speaker: Built-in high-fidelity speaker. 	
	USB Audio/ Conferencing System	<p>HigherMicrophone/Speaker:</p> <ul style="list-style-type: none"> • Speaker frequency response: 100Hz-22KHzSpeaker volume: 95dB or higher. • Microphone frequency response: 100Hz-22KHz • Omni Directional, 360 Degree coverage • Microphone sound-pickup diameter: 6 meters extendablewith External microphones • 2 external microphones Included.OS Support: • Support Windows, Android, IOS and Linux Drive-free automatic recognition of cameras,microphones and speakers. • All Items are connected centrally to controller Unit. • USB plug-and-play, supports various online conferencesoftware platforms i.e, Zoom, MS Teams, Skype and other web conferencing platforms <p>Power:</p> <ul style="list-style-type: none"> • Controller Unit Power Adapter input AC110V-AC220V,output DC12V/1.5A 	01
	Hand held Microphone	<ul style="list-style-type: none"> • UHF wireless handheld Microphone transmitter, LCD withbattery status and frequency indication, supplied with microphone holder, batteries and storage case, Frequency range: 722-746 MHz, 193 selectable UHF channels. Shouldbe compatible with Quoted System 	02
	Wireless Beltpack Transmitter with Collar MIC	<ul style="list-style-type: none"> • 722-746 MHz, LCD with battery status and frequency indication. Includes Lavalier Microphone with Clip. Shouldbe compatible with Quoted System 	01
	Wireless Microphone receiver	<ul style="list-style-type: none"> • PLL synthesized control, 722-746 MHz, 193 selectable UHFchannels. Rackmount 19 Inch 	01

	Audio Mixer Amplifier	<ul style="list-style-type: none"> • Mixer amplifier for paging and background music system • Rated power from 120W or Higher • 3U or Less rack mount (70V, 100V and low impedance 4-16ohm speaker output • Three Mic inputs by phone jack type • Mic 1 with VOX priority and VOX level on front panel • Mic 2-3 by phone jack on rear panel • Two Aux Inputs and 2-line inputs for spare use • One EMC priority input • EMC has priority over all inputs except MIC1 • Mic 1-3, Aux 1-2 and master volume controls and bass/treble control. • Short circuit, overload and high temp protection 	01
	Wall mount Speakers	<ul style="list-style-type: none"> • Input 70V/100V/4-16Ω • Wide Freq.Resp.:80Hz-20KHz • Max SPL:104±2dB • High sensitivity:90±2dB • Wall mount type loudspeaker • Metal grille and ABS enclosure • Equipped with hanging holes for mounting convenient 	03
	Conference System Extensions [Accessories for Audio Conference Setup]	<ul style="list-style-type: none"> • Conference System Extension Cable 10M 	01
	Audio Cable [Accessories for Audio Conference Setup]	<ul style="list-style-type: none"> • Audio Cable for Speakers connectivity 	01
	Installation of Audio Conferencing System JOB	<ul style="list-style-type: none"> • Installation of Delegate and Chairman Unit, Conference System/Controller Cabling with allied accessories, Speakers wiring, Amplifier mixer, installation in all aspects 	01
	UPS 2000VA	<ul style="list-style-type: none"> • Output Capacity: 1500 Watts or 2000 VA • Topology: Line Interactive • Waveform Type: Stepped approximation to a sinewave • Transfer Time: 10ms or less • Input Voltage range: 170 V to 280 Volt • Battery type: Maintenance-free sealed Lead-Acid battery • Typical Recharge Time: 8 Hours or less • Power backup: Standard Backup • Other Features: LED Status Display, Surge protection, Audible Alarm on battery and overload. 4 Output Universal Sockets • Expected Battery Life: 3 Years or More 	01

Section-IV: Bid Data Sheet

A. Introduction		
BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
1.	2.1.1	<p>Name of Procuring Agency: University of Narowal.</p> <p>The subject of procurement is: Procurement of Multimedia Projectors, Computers/Laptops, VDI Thin Terminal with Core Equipment & Display, Printers and Photostat Machines, Networking Equipment and Sound System for Syndicate Hall for University of Narowal Under the Project Titled, “Strengthening & Expansion of University of Narowal”.</p> <p>Period for delivery of goods: 45 Days</p> <p>Commencement date for delivery of Goods: Immediately after signing the Contract.</p>
2.	2.1.2	<p>Financial year for the operations of the Procuring Agency: 2023-24</p> <p>Name of Project/ Grant (Development): Strengthening & Expansion of University of Narowal.</p> <p>Name of financing institution: Higher Education Commission</p> <p>Name and identification number of the Contract: Procurement of Multimedia Projectors, Computers/Laptops, VDI Thin Terminal with Core Equipment & Display, Printers and Photostat Machines, Networking Equipment and Sound System for Syndicate Hall for University of Narowal Under the Project Titled, “Strengthening & Expansion of University of Narowal”. Tender # UON-18-12-2023-09</p>
3.	2.1.3 (iv)	Joint venture, consortium or association shall not be entertained.
4.		Eligible Country for Participation is only Pakistan.

5.	2.3.6(iii)	Demonstration of authorization by manufacturer: <i>[if required]</i> form 7.2 should be followed.
B. Bidding Documents		
6.	2.2.2	The address for clarification of Bidding Documents is Office of the Secretary, Central Purchase Committee, University of Narowal, New Campus, Shakargarh Road, Narowal.
7.	2.2.2	Pre-bid meeting will not be held
8.	2.3.9	One complete set of bidding documents to be completed and marked as original.
C. Bid Price, Currency, Language and Country of Origin		
9	2.3.1	<i>Language of Bid must be English (Urdu where applicable). In case of bid in any other language the same shall be translated through relevant embassy.</i>
10	2.3.4	The price quoted shall be in Pakistani Rupees Only.
11.	2.3.4	<i>The price of bid shall be fixed.</i>
12.	2.1.4 (ii)	Country of origin is Pakistan
D. Preparation and Submission of Bids		
13.	2.1.3	Qualification Criteria/Knock down criteria. <i>Minimum requirement for a Bidder to participate in the Bidding process which, may include but not limited to the following: -</i> <ul style="list-style-type: none"> <i>i. Copy of CNIC</i> <i>ii. Copy of National Tax No</i> <i>iii. GST/PST Number Required whatever is applicable.</i> <i>iv. Signature of the bidder or his authorized signatory on each page of the tender document as acceptance of the terms and conditions contained in the tender document.</i> <i>v. Tender Document Fee in form of CDR/Pay Order (original)</i> <i>vi. Bid Security CDR/Demand Draft/Pay Order, 2% of estimated amount.</i> <i>vii. Affidavit on stamp paper to the effect that: -</i> <ul style="list-style-type: none"> • <i>Bidder is not currently blacklisted by the Procuring Agency.</i> • <i>The documents/photocopies provided with Bid are authentic. In case of any fake/bogus document found at any stage, the Bidder shall be blacklisted as per Law/ Rules.</i> • <i>The provided information is correct.</i>
14.	2.3.6&2.3.7	Spare parts required for 02 years of operation. (where applicable)
15.	2.2.2	Bid shall be submitted to: the Office of the Secretary, Central Purchase Committee, New Campus,

		University of Narowal, Shakargarh Road, Narowal.
16.	2.4.2	The deadline for Bid submission is a) Day: <i>Thursday</i> b) Date: <i>21-12-2023</i> c) Time: <i>12:30 PM</i>
17.	2.5.1	Bids will be opened at 01:00 PM on 21-12-2023 in Meeting Hall New Campus, University of Narowal.
18.	2.6.2	Amount of Performance Guarantee is 10% of Contract Amount.
19.	2.3.8	Estimated Contract Price is: Lot 01: 1,500,000/- Lot 02: 5,250,000/- Lot 03: 55,000,000/- Lot 04: 6,270,000/- Lot 05: 55,200,000/- Lot 06: 5,000,000/- Amount of Bid security is: Lot 01: 30,000/- Lot 02: 105,000/- Lot 03: 1,100,000/- Lot 04: 125,400/- Lot 05: 1,104,000/- Lot 06: 100,000/-
20.	2.3.9	Bid validity period after opening of the Bid is: 120 Days.
21.	2.3.9	Number of copies of the Bid to be provided are: Only Original Bid is required.
E. Opening and Evaluation of Bids		
22.	2.5.1	The Bid opening shall take place at: University of Narowal, New Campus, Shakargarh Road, Narowal, Punjab, Pakistan At Thursday, 21-12-2023, 01.00 PM In Meeting Hall, UON

23.	2.3.5	Only Pakistan Rupee shall be used for Bid evaluation
------------	--------------	--

F. BID EVALUATION CRITERIA

Technical Evaluation Criteria for the Procurement of Hardware / IT Equipments / Machinery & Equipments contain the following:

Sr. No.	Description	Allocated Marks	Total Marks
1	Company Profile, Experience & International Certifications if any.		35 Marks
i.	Income Tax Registration	<i>05 Marks</i>	
ii.	Sales Tax Registration	05 Marks	
iii.	Relevant Experience Similar assignments / supplies in IT Equipments over last 05 years. 1 similar project= 05 marks 2 similar projects= 10 marks 3 similar projects = 15 marks Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	15 Marks	
iv.	Value of Projects Capital Cost of similar projects / Supplies in IT Equipments completed over last 05 years If the total value is equal to or more than the value of current project i.e. PKR 128.22 Million. For one project= 05 marks may be awarded For two projects = 10 marks may be awarded Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	<i>10 Marks</i>	
2	Financial Position		40 Marks
i.	Annual Turnover (last 03 years) If the total annual turnover indicated in audit report/tax return of last three years is equal or above PKR: 128.22 Million, then maximum allocated marks may be awarded. If total turnover during last three years is upto PKR 33 Million = 05 marks If total turnover during last three years is upto PKR 65 Million = 10 marks If total turnover during last three years is upto PKR 100 Million = 15 marks If total turnover during last three years is upto PKR 128.22 Million = 20 marks Audit statement of last three financial years must be attached, otherwise, no marks shall be awarded.	<i>20 Marks</i>	

ii.	Tax Return Bidder shall provide income tax returns for last three years	10 Marks	
iii.	Bank Balance / Credit Limit If bank balance / credit limit up-to 30 th June, 2023 is equal to or more than estimate of current purchase, full marks may be awarded. Otherwise, the marks may be awarded as: $\frac{\text{Closing Balance or Credit Limit} \times 10}{\text{Estimate of Current Purchase}}$	10 Marks	
3.	Other Criteria		25 Marks
i.	Compliance to the Technical Specifications. The bidder shall awarded full marks, if bidder quote for the equal or above specifications mentioned in Technical Specifications.	15 Marks	
ii.	Brochures/Manual of Equipment's	10 Marks	
		Total	100
<ul style="list-style-type: none"> • Only the Bids securing minimum 65% marks would be declared technically accepted. • Shall be applicable and evaluated with respect to scoring for which lots the bidder has applied. 			

Section-V: General Conditions of Contract

[The Procuring Agency should formulate General Condition of Contract in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable) However, for a standard procurement/contract contents of a generalized General Conditions of Contract may be as follows:]

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) "The Contract" means the agreement entered into between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under the Contract.
- (d) "The Services" means those services ancillary and related to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, maintenance & repair and other such obligations of the Supplier covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Procuring Agency" means the organization purchasing the Goods & Services, as named in SCC.
- (h) "The Procuring Agency's country" is the country named in SCC.

- (i) "The Supplier" means the Bidder or firm supplying the Goods and Services under this Contract.
- (j) "The Project Site," where applicable, means the place or places named in SCC.
- (k) "Day" means calendar day.

2. Application

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

3. Country of Origin

[where applicable]

3.1. All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules, as further elaborated in the SCC.

3.2. For purposes of this Clause, "origin" means the place where the Goods were mined, grown, or produced, or from where the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.

3.3. The origin of Goods and Services is distinct from the nationality of the Supplier. In any case, the requirements of rules 10 & 26, PPR-14, shall be followed.

4. Standards

4.1. The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the procuring agency.

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

5.2. The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information

enumerated in GCC Clause 5.1 except for purposes of executing the Contract.

5.3. Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Supplier's performance under the Contract if so required by the Procuring Agency.

5.4. The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the donors, if so required by the donors.

6. Patent Rights

6.1. The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring Agency's country.

7. Performance Guarantee

7.1. Within fifteen (15) days or as mentioned in Award Letter from the receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring Agency the Performance Guarantee in the amount specified in SCC/Bid Data Sheet & clause 2.6.2 of ITB.

7.2. The proceeds of the Performance Guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

7.3. As per Rule-56 of PPR-14, the performance guarantee shall be denominated in the currency of the Contract acceptable to the Procuring Agency and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring Agency's country, in the form provided in the Bidding documents or another form acceptable to the Procuring Agency; or
- (b) a Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque cashier's or certified cheque or CDR.

7.4. The performance guarantee will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance

obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

8. Inspections and Tests

8.1. The Procuring Agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring Agency requires and where they are to be conducted. The Procuring Agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives nominated for these purposes.

8.2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s) (if so allowed by the Procuring Agency), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Agency.

8.3. Should any inspected or tested Goods fail to conform to the Specifications, the Procuring Agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring Agency.

8.4. The Procuring Agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring Agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the Goods' shipment from the country of origin.

8.5. Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

9.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the

Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring Agency.

10. Delivery and Documents

10.1. Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.

10.2. Upon delivery, the Procuring Agency shall give receiving certificate to the supplier with the statement that, "completion certificate along with satisfactory report shall be issued after due inspection as per clause-8 of GCC, which will enable the supplier to put up the bill".

10.3. For purposes of the Contract, DDP trade term used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of *Incoterms*

10.4. Documents to be submitted by the Supplier are specified in SCC.

11. Insurance

11.1. The Goods supplied under the Contract shall be delivered [*form of content to be decided by the Procuring Agency*] duty form paid under which risk is transferred to the buyer after having been delivered, hence [*details coverage to be decided by the Procuring Agency*] is seller's responsibility.

12. Transportation

12.1. The Supplier is required under the Contract to transport the Goods to a specified place of destination within the Procuring Agency's country, including (*details to be decided by Procuring Agency as per requirement*) insurance and storage, as shall be specified in the Contract, and related costs shall be included in the Contract Price.

13. Incidental Services

13.1. The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) satisfactory performance for specified time/ quantity on-site and/or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Procuring Agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2. Prices charged by the Supplier for incidental services shall be included in the Contract Price for the Goods and shall not exceed:

- (i) the prevailing rates charged for other parties by the Supplier for similar services; and
- (ii) original price of goods.

14. Spare Parts

14.1. As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Procuring Agency may choose to purchase from the Supplier, provided that this choice shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring Agency of the pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and

- (ii) following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models selected by the Procuring Agency, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

15.2. This warranty shall remain valid for as per terms & Condition given by the Original Manufacturer, unless specified otherwise in SCC.

15.3. The Procuring Agency shall promptly notify the Supplier in writing of any claims arising under this warranty.

15.4. Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring Agency.

15.5. If the Supplier, having been notified, fails to rectify the defect(s) within the period specified in SCC, within a reasonable period, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract/relevant provision of PPR-14 including Blacklisting.

16. Payment

16.1. The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

16.2. The Supplier's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by

documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3. As per rule-62 of PPR-14, payments shall be made promptly by the Procuring Agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier, provided the work is satisfactory.

16.4. The currency of payment is *Pakistani Rupees*

17. Prices

17.1. Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in SCC.

18. Change Orders

18.1. The Procuring Agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract, only if required for the successful completion of the job, in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Agency;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

18.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Agency's change order. But, in no case, the overall impact of the change should exceed 15% of the contract cost and no provisions of PPR-14 should be violated.

19. Contract Amendments

19.1. Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by the mutual consent through written amendment signed by the parties. No variation in finalized brands/ makes/models shall be allowed except in special

conditions where the manufacturer has stopped producing or suspended that model or the latest model of similar series or version has been launched by the manufacturer or non-availability due to international mergers of the manufacturers or similar unavoidable constraints.

20. Assignment 20.1. The Supplier shall not assign the whole of contract to anybody else. However, some parts of contract or its obligations may be assigned to sub-contractors with the prior written approval of the procuring agency.

21. Sub-contracts 21.1. The Supplier shall notify the Procuring Agency in the Bid of all subcontracts to be assigned under this Contract. Such notification, in the original Bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2. Subcontracts must comply with the provisions of GCC Clause 20.

22. Delays in the Supplier's Performance 22.1. Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements-

22.2. If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

22.3. Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the imposition of liquidated damages.

23. Liquidated Damages 23.1. Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed

Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 24 along with other remedies available under PPR-14.

**24. Termination
for Default**

24.1. The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 22;
- (b) if the Supplier fails to perform any other obligation(s) under the Contract; or
- (c) if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt practices in competing for or in executing the Contract. For the purpose of this clause, corrupt practices will be defined as per Section-2 (d) of The PPRA Act, 2009.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009:

(d) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

- vi. coercive practice by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;*
- vii. collusive practice by arrangement between two or more parties to the procurement process or Contract execution, designed to achieve with or without the knowledge of the*

- procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;*
- viii. *offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
 - ix. *any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;*
 - x. *obstructive practice by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a Contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit process*

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

25. Force Majeure

25.1. Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its Performance Guarantee, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2. For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Both, the Procuring Agency and the Supplier, may agree to exclude certain widespread conditions e.g: epidemics,

pandemics, quarantine restrictions etc from the purview of "Force Majeure".

25.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. Any difference of opinion concerning "Force Majeure" may be decided through means given herein below.

26. Termination for Insolvency

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

27. Termination for Convenience

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

27.2. The Goods that are complete and ready for shipment (if applicable) within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Agency on the Contract terms and prices. For the remaining Goods, the Procuring Agency may choose:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

28. Resolution of Disputes

28.1. After signing the contract or issuance of purchase order, The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

29. Governing Language

29.1. The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

30. Applicable Law

30.1. The Contract shall be interpreted in accordance with the laws of Punjab (Pakistan) unless otherwise specified in SCC.

31. Notices

31.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology mean for the time being in use and acceptable in ordinary course of business to the other party's address specified in SCC.

31.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.1. Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods & Services to the Procuring Agency. In case of imposition of new taxes/duties or concession thereof after the deadlines for the submission of bids the effect thereof shall be borne or availed by the procuring agency as the case may be.

Section-VI. Schedule of Requirements

6.1 Schedule of Requirements

S. No	Name of Items	SPECIFICATIONS	Qty.
LOT- 01			
01	Multimedia Projectors for Class Rooms	See Section III for Technical Specifications	05
LOT- 02			
01	Computer/Laptop for faculty and Senior Staff	See Section III for Technical Specifications	15
LOT- 03			
01	VDI Thin Terminal with Core Equipments and Display	See Section III for Technical Specifications	200
LOT- 04			
01	Network Printer with Duplexer	See Section III for Technical Specifications	03
02	Color Laser Printer	See Section III for Technical Specifications	02
03	Photostat Machines (Heavy Duty) for Library and Examination Office	See Section III for Technical Specifications	03
04	Desktop Network Printers	See Section III for Technical Specifications	25
LOT- 05			
	24 port Manageable Switches with 10G Uplink Ports	See Section III for Technical Specifications	10
	UTP Cable CAT-6 or Higher with duct (1000 Feet Per Roll)	See Section III for Technical Specifications	15

	24-Port Patch Panel (No.)	See Section III for Technical Specifications	10
	LAN Passive Components: Face Plate, I/Os, Back Box etc. (No.)	See Section III for Technical Specifications	100
LOT- 06			
01	Sound System for Syndicate hall	See Section III for Technical Specifications	01

The successful bidder must make sure the delivery of all above items within 45 days starting from the date of contract.

Section-VII: Sample Forms

7.1 Bid Form

[To be signed & stamped by the Goods Provider and reproduced on the letter head. To be attached with the Bid, in case of Single Stage One Envelope Procedure and with the Financial Bid, in case of Single Stage Two Envelope Procedure]

Date: _____

To: University of Narowal

Gentlemen and/or Ladies:

Having examined the Bidding documents including Addenda Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, in conformity with the said Bidding documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to Ten (10) percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to a Bid by this Bid for a period of 120 days from the date fixed to Bid opening under Clause 2.3.8 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed (*if required*), this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

[In case of single stage one envelope bidding procedure]

The Composition of our Bid is:

- a) Complete bidding document (without filling) signed and stamped by the bidder
- b) all the forms relevant to the technical and financial bids (clearly indicated on each form)

- c) All the required documents establishing eligibility of bidders/goods shall be made part of the bid.
- d) Any other document required by the procuring agency not inconsistent with PPR-14.

[In case of single stage two envelope bidding procedure],

The Composition of our bid consists on separate Technical and financial bids, detail of which is as follows:

Technical bid includes the following: -

- a) Complete bidding document (without filling) signed and stamped by the bidder
- b) All the forms relevant to the technical bid, to be reproduced on the letter head of the bidder as indicated on each individual form.
- c) Original bid security form along with Original financial instrument in form of *Bank Guarantee / Bank call-deposit (CDR) / Demand Draft (DD) / Pay Order (PO) or Banker's cheque* valid for 120 Days.
- d) Any other document required by the procuring agency not inconsistent with PPR-14.

Financial bid includes the following: -

- a) Original Bid form (as per **form 7.1** of Bidding documents) on letter head of the firm, duly signed and stamped.
- b) Price schedule / financial form (as per **form 7.9**) to be reproduced on the letter head of the bidder duly signed and stamped.
- c) Copy of Bid security form (as per **form 7.10**) along with Copy of financial instrument *in form of Bank Guarantee / Bank call-deposit (CDR) / Demand Draft (DD) / Pay Order (PO) or Banker's cheque* valid for 120 Days.
- d) *Any other document required by the procuring agency not inconsistent with PPR-14.*

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of goods provider	Amount and Currency
------------------------------------	---------------------

_____	_____
-------	-------

_____	_____
-------	-------

_____	_____
-------	-------

(if none, state "none")

We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

7.2. Manufacturer's Authorization Form

[To be signed and stamped by the Bidder and to be attached with Technical Bid]

[See Clause 2.3.6 (iii) of the Instructions to Bidders.]

To: University of Narowal

WHEREAS *[name of the Manufacturer]*, who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Agent]* to submit a Bid, and subsequently negotiate and sign the Contract with you against for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation to Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its Bid.

7.3. Bidder Profile Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

Sr.#	Particulars
1.	Name of the company:
2.	Registered Office:
Address:	
Office Telephone Number:	
Fax Number:	
3.	Contact Person:
Name:	
Personal Telephone Number:	
Email Address:	
4.	Local office if any:
Address:	
Office Telephone Number:	
Fax Number:	
5.	Registration Details:

a) Audited Financial Statement Attachment/Income Tax Returns (Last ____ years)

Yes	No
-----	----

b) Details of Experience (Last ____ Years)

(i)	Similar Project (Agency/Department)	Item Name
(ii)	Value of total Projects/Tenders/POs	Amount

c) Staff Detail and last month Payroll

Yes	No
-----	----

7.4. General Information Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

	Particulars			
Company Name				
Abbreviated Name				
National Tax No.			Sales Tax Registration No	
PRA Tax No.				
No. of Employees			Company's Date of	
			Formation	

*Please attach copies of NTN, GST Registration & Professional Tax Certificate

Registered Office Address		State/Province	
City/Town		Postal Code	
Phone		Fax	
Email Address		Website Address	

7.5. Affidavit

[To be printed on PKR 100 Stamp Paper, duly attested by oath commissioner. To be attached with Technical Bid]

Name: _____

(Applicant)

I, the undersigned, do hereby certify that all the statements made in the Bidding document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Employer, at any time, deems it necessary. The undersigned hereby authorize and request the bank, person, company or corporation to furnish any additional information requested by the *[name of Procuring Agency]* of the Punjab deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the *[name of Procuring Agency]*. The undersigned further affirms on behalf of the firm that:

- (i) The firm is not currently blacklisted by the Procuring Agency.
- (ii) The documents/photocopies provided with Bid are authentic. In case, any fake/bogus document was found at any stage, the firm shall be blacklisted as per Law/ Rules.
- (iii) Affidavit for correctness of information.

[Name of the Contractor/ Bidder/ Supplier] undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the company

Title of Officer: _____

Name of Company: _____

Date: _____

7.6. Performance Guarantee Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

To,

University of Narowal, Narowal.

WHEREAS (Name _____ of _____ the _____ Contractor/ _____ Supplier) _____ hereinafter called "the Contractor" has undertaken, in pursuance of "INVITATION TO BID FOR THE **Procurement of Laptops, Multimedia Projectors, Printers and Photostat Machines for University of Narowal Under the Project Titled, "Strengthening of University of Narowal"** procurement of the following:

1. [*Please insert details*].

(Here in after called "the Contract").

AND WHEREAS it has been stipulated by you in the Contract that the Contractor shall furnish you with a bank guarantee by a scheduled bank for the sum specified therein as security for compliance with the Contractor's performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor a Guarantee;

THEREFORE WE hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract, and without cavil or argument, any sum or sums as specified by you, within the limits of _____ (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until _____ day of _____, 20__, or for One Year after the rectification of the Defects, whichever is later.

[NAME OF GUARANTOR]

Signature _____

Name _____

Title _____

Address _____

Seal _____

Date _____

7.7. Technical Bid Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

Sr. No.	Item name	Brand name with Country of Manufacturer	Make & model	Quantity	Country of Origin	Specifications dimensions
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Stamp & Signature of Bidder _____

Note:

All above items shall be considered as complete package FOR Narowal basis.

7.8. Contract Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

THIS AGREEMENT made on the _____ day of _____ 20____ between UNIVERSITY OF NAROWAL of Pakistan (hereinafter called “the Procuring Agency”) on the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) on the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and ancillary services, viz., **PROCUREMENT OF MULTIMEDIA PROJECTORS, COMPUTERS/LAPTOPS, VDI THIN TERMINAL WITH CORE EQUIPMENTS & DISPLAY, PRINTERS AND PHOTOSTAT MACHINES, NETWORKING EQUIPMENTS AND SOUND SYSTEM FOR SYNDICATE HALL FOR UNIVERSITY OF NAROWAL UNDER THE PROJECT TITLED, “STRENGTHENING & EXPANSION OF UNIVERSITY OF NAROWAL”.as per following details:**

Sr.	Name of Items	SPECIFICATIONS	Qty.	Unit Rate	Total Price		
LOT- 01							
01	Multimedia Projectors for Class Rooms	See Section III for Technical Specifications	08	DO NOT FILL THIS COLUMN AT THIS STAGE	DO NOT FILL THIS COLUMN AT THIS STAGE		
LOT- 02							
01	Computer/Laptop for Faculty and Senior Staff	See Section III for Technical Specifications	40				
LOT- 03							
01	VDI Thin Terminal with Core Equipments and display						
LOT- 04							
01	Network Printer with Duplexer	See Section III for Technical Specifications	03				
02	Color Laser Printer	See Section III for Technical Specifications	02				
03	Photostat Machines (Heavy Duty) for Library and Examination Office	See Section III for Technical Specifications	03				
04	Desktop Network Printers	See Section III for Technical Specifications	25				
LOT- 05							
01	24 port Manageable Switches with 10G Uplink Ports	See Section III for Technical Specifications	10				
02	UTP Cable CAT-6 or Higher with duct (1000 Feet Per Roll)	See Section III for Technical Specifications	15				
03	24-Port Patch Panel (No.)	See Section III for Technical Specifications	10				

04	LAN Passive Components: Face Plate, I/Os, Back Box etc. (No.)	See Section III for Technical Specifications	100		
LOT- 06					
01	Sound System for Syndicate hall	See Section III for Technical Specifications	01		

and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Procuring Agency’s Notification of Award.
 - (f) Contract agreement
 - (g) Complete Bidding document
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.
5. Delivery; Complete delivery should be completed as per given date in the supply/Work Order, in case of late delivery, late delivery charges @ 3% per month will be recovered.
6. Place of Delivery: The Contractor will be responsible for the safe delivery including transportation/ loading/unloading/handling etc., at its own cost at University of Narowal, Narowal.
7. Marks & Packaging: The consignment should be marked for “Secretary, Central Purchase Committee, University of Narowal, Narowal-Pakistan”.

8. Invoicing: Invoice should be accompanied with delivery challan, invoice and general sales tax invoice stating complete description.

9. Payment Terms: The contract price is on FOR University of Narowal basis and the payment shall be made through cross cheque after the inspection of material and satisfactory report of end user.

10. Replacement: The item found not in accordance to the specifications, as per your technical quotation, will be returned and the Contactor must lift the same from the premises of UON at its own cost. The Supplier shall replace the short supplied/ wrong supplied/Misprinted/ faulty or defective material free of additional charges.

11. Black Listing: Under rule 21(1) of Punjab Procurement Rules 2014, University management may, for a specified period, debar the supplier or contractor from participating in any public procurement process, if the bidder or contractor has:

- (i) acted in a manner detrimental to the public interest or good practices.
- (ii) consistently failed to perform his obligation under the contract.
- (iii) not performed the contract up to the mark.
- (iv) indulged in any corrupt practice.

IN WITNESS WHEREOF, the parties here to have put their respective hands to this agreement on the date and the year written above in the presence of the witnesses mentioned below, as token of having accepted the terms and conditions as laid in this contract as well as in work order.

For
University of Narowal

CONTACTOR/ SUPPLIER
(Signature, Name & CNIC)

Witness 01
(Signature, Name & CNIC)

Witness 02
(Signature, Name & CNIC)

7.9. Financial Bid Form/Price Schedule

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

Sr. No.	Item name	Specifications/ dimensions	Country of Origin	Brand name, make & model	Unit price (inclusive of all taxes & duties etc.)	Quantity	Total price (inclusive of all taxes & duties etc.)	Total price (in words)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
Total price in figures								
Total price in words								

Note:

In case of difference between unit price and total price, unit price shall prevail and total price shall be “final”. *(Please refer ITB clause 2.5.6).*

In case of difference between amount in “words” and amount in “figures”, amount in “words” shall be considered final.

All above items shall be conspired as complete package FOR Narowal basis.

Stamp & Signature of Bidder _____

7.10. Bid Security Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

Whereas *[name of the Bidder]* (hereinafter called "the Bidder") has submitted its Bid dated *[date of submission of Bid]* for the supply of *[name and/or description of the goods]* (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE *[name of bank]* of *[name of country]*, having our registered office at *[address of bank]* (hereinafter called "the Bank"), are bound unto *[name of Procuring Agency]* (hereinafter called "the Procuring Agency") in the sum of for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this ____ day of _____ 20____.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring Agency during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the Instructions to Bidders;

we undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of Bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[Signature of the bank]

Section VIII- Check List

[To be signed and stamped and presented on Bidder's letter head pad]

The provision of this checklist is essential prerequisite along with submission of tenders (with technical proposal).

Sr. #	Detail	Responsive	Non-responsive
1	Original receipt / CDR for purchase of tender along with Standard Bidding Documents.		
2	2% Bid Security of estimated cost of articles / items given by the department. The Bid security must be submitted with technical proposal.		
3	All required samples (if demanded) have been submitted in University of Narowal sample store.		
4	Active Registration with Income Tax Authorities (National Tax Number NTN) at least three years old		
5	Copy of active Registration with Sales Tax Authorities (STRN)		
6	Copy of active Registration (Professional Tax Certificate)		
7	Technical Bid Form (as per form 7.7 of Bidding documents) on letter head of the firm duly signed and stamped.		
8	Financial Bid Form (as per form 7.1 of Bidding documents) on letter head of the firm, duly signed and stamped.		
9	Bid Security Form (as per form 7.10 of Bidding documents) on letter head of the firm, duly signed and stamped.		
10	Performance Guarantee Form (as per form 7.6 of Bidding documents) on letter head of the firm, duly signed and stamped.		
11	General Information Form (as per form 7.4 of Bidding documents) on letter head of the firm duly signed and stamped.		
12	<p>Affidavit (as per form 7.5) on non-judicial Stamp Paper of Rs. 100/-</p> <ul style="list-style-type: none"> (i) The firm is not currently blacklisted by the Procuring Agency. (ii) The documents/photocopies provided with Bid are authentic. In case of any fake/bogus document look at any stage. They shall be black listed as per Rules / Laws. (iii) Affidavit for correctness of information. <p>Affidavit for correction of information Form (as per form of Bidding documents) on letter head of the firm, duly signed and stamped.</p>		

13	<ul style="list-style-type: none"> i. Work order / supply order / purchase order of previous relevant experience <i>[where applicable]</i>. ii. Company profile. Staff list along with location and address <i>[where applicable]</i>. iii. Income Tax Returns/Audited Financial Statement, National tax number Certificate, General Sale Tax Number Certificate (last 03 year). <i>[where applicable]</i> iv. Bidders profile Form (as per form 7.3 of Bidding documents) on letter head of the firm, duly signed and stamped. 		
----	--	--	--

Stamp & Signature of Bidder _____