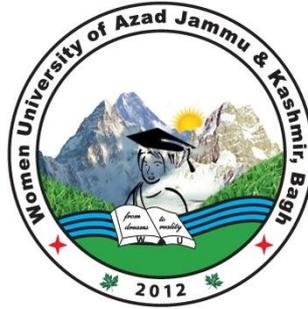


0Women University of Azad Jammu and Kashmir Bagh



TENDER

DOCUMENT FOR

the design, supply, installation, testing, and commissioning of a 16 kW Hybrid Solar PV system, as well as the supply, installation, testing, and commissioning of CCTV cameras, air conditioners, and other related equipment for the First Women Software Technology Park at WUAJ&K Bagh.

INVITATION TO BID

Women University of Azad Jammu and Kashmir Bagh, a public sector university, invites sealed bids from original suppliers, authorized dealers, and sub-dealers who are registered with the Income Tax and Sales Tax Departments and are listed as active taxpayers, for the design, supply, installation, testing, and commissioning of a 16 kW Hybrid Solar PV System, as well as the supply, installation, testing, and commissioning of CCTV cameras, air conditioners, and other related equipment for the First Women Software Technology Park at WUAJ&K Bagh.

2. Bidding document, which contains detailed terms and conditions, is available on the University's website www.wuajk.edu.pk. Additionally, the bid document can be obtained from the Office of the Assistant Treasurer Purchase Women's University of AJ&K, Bagh.

3. The price of the bidding document is Rs. 3,000/-, payable in the form of a pay order or demand draft in favor of the Treasurer, Women University of Azad Jammu and Kashmir Bagh, which should be enclosed with the bid.

4. According to AJKPPRA Rule No. 36(a), a single-stage one-envelope procedure shall be followed.

5. Bidders are required to submit Rs. 75,000/- as bid security in the form of a pay order or demand draft in favor of the Treasurer, Women University of Azad Jammu and Kashmir Bagh.

6. "Blacklisted suppliers, authorized dealers, and bidders are prohibited from participating." All bidders must provide an affidavit or certificate confirming that they are neither blacklisted nor in conflict with the government anywhere in the territory of the AJK, Federally Administrated Areas, or the Islamic Republic of Pakistan.

7. A pre bid meeting will be held on **February 16, 2026 (Monday) at 11:00 AM** at the Treasurer's Office, Admin Block Women University of AJ&K Bagh. Interested bidders are requested to attend this meeting.

8 Bids, prepared in accordance with the instructions in the bidding documents, must reach the office of the Assistant Treasurer Purchase Women University of AJ&K, Bagh, on or before **February 26, 2026, at 11:00 A.M.** Bids will be opened on the same day at **11:30 A.M.** at the Treasurer's Office, Admin Block, Women University of AJ&K Bagh, in the presence of the bidders or their representatives who choose to be present.

9. Evaluation Report/ Award of Contract will also be displayed on AJK PPRA's website.

10. This advertisement is also available on University's website on www.wuajk.edu.pk and on th AJK PPRA's website on <http://ppra.ajk.gov.pk>.

(Naeem Asghar)
Secretary Central Purchase Committee,
Women University of AJ&K Bagh
Mobile# 0313-8354903, e-mail: naeem@wuajk.edu.pk

1. INVITATION TO THE BID

1. Sealed bids are invited from eligible, experienced, and licensed solar EPC contractors/suppliers for the design, supply, installation, testing, and commissioning of a 16 kW Hybrid Solar PV System at First Women Software Technology Park WUAJ&K Bagh. Preference is given to Inverex products.

2- Supply, installation, testing, and commissioning of CCTV cameras, air conditioners, and other related equipment for the First Women Software Technology Park at WUAJ&K Bagh.

2. INSTRUCTIONS TO THE BIDDERS

1. Procurement will be made under Azad Jammu and Kashmir Procurement Rules (AJKPPRA) 2017.
2. It will be clearly understood that the Terms and Conditions mentioned in this document are intended to be strictly enforced.
3. Bidders must ensure that they submit all the required documents indicated in the Tender / Bid Documents at the time of opening of Bids and no request for submission of missing documents will be entertained after opening of the Bids.
4. Bids without supporting documents, undertaking, valid documentary evidence, and bids not conforming to terms and conditions given in the Tender Document will be liable for rejection. Bids received after due time and date and bids without Bid Security in shape of CDR or CDR less than required amount shall be rejected.
5. The bidder must quote rates of items
6. Bidders must be registered with relevant tax authorities (FBR/Income Tax/Sales Tax).
7. Bidders must have prior experience in similar solar projects (minimum 30 kW cumulative installed capacity).
8. Prices must be quoted in PKR, inclusive of all applicable duties and taxes, delivery, installation, and commissioning.
9. Warranty certificates (minimum 12 years for panels, 5 years for inverter, 5 years for batteries) must be provided

1- Mode of Advertisement:

As per Rule 12(1) the advertisement is being placed on www.wuajk.edu.pk, and on the website of AJKPPRA (www.ppra.ajk.gov.pk).

04- Type of Open Competitive Bidding

As per Rule No. 36(a) a, Single stage one envelope procedure shall be followed with details given below:

2.9.1. The bid shall comprise of a single package containing one envelope. contain the financial proposal and the technical proposal;

2.9.2. Comparative statement will be made only for technically qualified bidders;

05 BID DATA SHEET (Information for the Bidders)

1	Procuring Agency	Women University of AJK Bagh
2	Tender Number	Recc. 04/2025-26
3	Name of Tender	For the design, supply, installation, testing, and commissioning of a 16 kW Hybrid Solar PV System, as well as the supply, installation, testing, and commissioning of CCTV cameras, air conditioners, and other related equipment for the First Women Software Technology Park at WUAJ&K Bagh.
4	Tender Document available place	Purchase Section, Women University of AJK Bagh or WUAJ&K Bagh Website.
5	Cost of Tender Document	Rs.3000/- CDR in favor of the Treasurer Women University of AJ&K Bagh.
6	Bid Security	Rs. 75,000/- (Seventy Five Thousand Only) Bid security attached with the bid.
7	Performance Guarantee	10% of Contract Value. For a period of Twelve (12) months from the date of inspection.
8	Tender Addressed to	Assistant Treasurer Purchase, Department of Finance Women University of Azad Jammu and Kashmir Bagh
9	Contact Number	Ph. 0313-8354903, 0300-8354903
10	Due Date, Time and place of Pre-bid meeting	16-02-2026 at 11:00 AM Treasurer's Office, Women University of Azad Jammu and Kashmir Bagh

11	Due Date, Time and place of submission of Tender Document	26-02-2026 till 11:00 AM Assistant Treasurer Purchase, Department of Finance Women University of Azad Jammu and Kashmir Bagh
12	Date, Time and Place of Bid Opening	26-02-2026 at 11:30 AM Treasurer's Office, Women University of Azad Jammu and Kashmir Bagh
13	Note	In case of a holiday on the bid closing or opening day, the bid will be closed/opened on the next working day. The time of bid closing and opening will remain the same as mentioned in the tender document

06-TERMS AND CONDITIONS OF THE TENDER

3. Definitions

1. "Purchaser" means Women University of Azad Jammu and Kashmir Bagh.
2. "WUAJ&K Bagh" means Women University of Azad Jammu and Kashmir Bagh.
3. "Bidder/Tenderer" means the Firm/Company/Supplier/Distributer that may provide or Provides the Goods and related services to any of the public sector organization under the Contract and have registered for the relevant business thereof.
4. " Contract" means the agreement entered into between the Purchaser and the Contractor, in form of Supply Order or as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
5. Contractor/The Successful Bidder" means the person whose Tender has been accepted and awarded letter of Acceptance followed by the Supply Order or Contract by the Purchaser.
6. "Goods" means equipment, machinery, and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.
7. "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.
8. "PPRA" means Azad Jammu and Kashmir Procurement Regulatory Authority.

07-TENDER ELIGIBILITY

Eligible Bidder/Tenderer is one who:
Who has valid registration certificates for Income Tax and Sales Tax

1. is an active Income Tax Payer;
2. is an active sales Tax Payer

3. has got the experience in supply and installation of relevant items;
4. conforms to the clause of “Responsiveness of Bid” given in this tender document;
5. has not been blacklisted.

08-AMENDMENT OF THE TENDER DOCUMENT

1. The Central Purchase Committee of WUAJ&K, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).
2. The Purchaser shall notify the amendment(s) in writing to the prospective Tenderers/Bidders.
3. The Purchaser may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender, in which case all rights and obligations of the Purchaser and the Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

09-BID CURRENCY

Bidder should quote price in Pak Rupees only and payments shall also be made in Pakistan Rupees only.

10- VALIDITY PERIOD OF THE BID

1. Validity period of the bids shall be 90 days.
2. In exceptional circumstances, the Central Purchase Committee of University may ask the Bidders for an extension of the period of validity. The request and the responses shall be made in writing. A bidder accepting the request will not be required nor permitted to modify its tender.

11-BID SECURITY

1. Bidder will submit Bid Security drawn in the name of Treasurer Women University of AJ&K Bagh:
2. The Bid Security will be in form of CDR in favor of the Treasurer Women University of AJ&K Bagh.
3. Cheque or Cross Cheque shall not be accepted at all.
4. The amount submitted as Bid Security shall be refunded to the unsuccessful bidders onwritten request from the bidders after the decision for the award of the said tender.
5. Subject to the award of contract, the Bid Security shall be returned to successful bidder against submission of Performance Guarantee.
6. If the Bid Security is found less than the required amount then the bid will be rejected Irrespective of the rates and the stage of the bid process.
7. The Bid Security may be forfeited if a Bidder:
 - a. Refuses to accept Letter of Acceptance of the Bid; or

- b. Fails to furnish Performance Security in shape of CDR/DD in favour of the Treasurer, Women University of AJ&K Bagh.

12. BID PREPARATION AND SUBMISSION

Bid shall be filed in / accompanied by the prescribed Forms, Annexes, Schedules, Drawings, Documents, Brochures, Literature, etc. which shall be completely filled in, stamped and signed by the Tenderer or his Authorized Representative. In case of copies, photocopies may be attested.

13. TECHNICAL PROPOSAL

1. The Technical Proposal will enable the Committee to evaluate whether the bidder is technically competent and capable of executing the order and the specifications offered by the bidder meet the ones given in the Tender/Bid Documents. Only bids qualifying in the technical stage will be considered in the comparative statement.

2. The bidder shall sign and stamp all pages of the tender document and attach them with the bid. The committee will not be responsible for any errors committed in the bids by the bidders.

14- Detail and Order of Documents to be furnished with the proposal:

The documents attached with the Bid must be signed and stamped by the Authorized Representative of the Bidder. The documents attached must be numbered and attached in the following order:

1. Covering letter *duly* signed and stamped by authorized representative.
2. Copy of Income Tax Registration Certificate.
3. Copy of Sales Tax Registration Certificate.
4. Detailed specification of items.
5. At least three relevant supply orders or contracts, each not less than 2 million, received in the past from public sector organizations.
6. Affidavit/Undertaking Covering Letter on Stamp Paper.

7. The Financial Proposal of the bidder shall include the price break up of taxes/duties. All taxes/duties applicable shall be responsibility of the bidders.

8. The cost quoted by the bidder shall be kept firm and unchanged for a period specified in the Bid/Tender Documents from the date of opening of the bids. The bidder shall keep the price firm/unchanged during the period of Contract including during the period of extension of time if any.

9. The quoted price will be inclusive of all taxes, duties, levies, insurance, freight (transportation charges), etc.

10. The Bid is liable for rejection if Proposal contains conditional offer.

15. Details to be furnished with financial proposal

1. Financial Proposal Covering Letter

2. Financial Proposal Form duly filled, signed and stamped by the Bidder

16- Mode of Submission of Bids

1. The Bid should be addressed to “Assistant Treasurer Purchase/Secretary Central Purchase Committee WUAJ&K Bagh” and submit at Purchase Section of University by hand or through courier.
2. The Bids received after Due Date and Time or Unsealed or incomplete or Submitted by Fax or Email will be summarily rejected.

17-MODIFICATION/WITHDRAWAL OF THE TENDER

1. The Bidder may, by written notice served on the Purchaser, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.
2. The Tender, withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the bid Security.

18. PRELIMINARY EXAMINATION

1. The Committee shall examine the bids to determine whether they are complete, whether the required documents have been furnished and properly signed, and whether the bids are generally in order.
2. Financial proposal the arithmetical errors shall be rectified on the following basis. 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 Bidders/Suppliers do not accept the correction of the errors, its bid shall be rejected. If there is a discrepancy between words and figures, the amount in words shall prevail.

19. DETERMINATION OF RESPONSIVENESS OF THE BID

1. The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. A substantially responsive Bid is one which:
 2. To meets an eligibility criteria for the Bidder / the Goods / the Services;
 3. To meets all the mandatory requirements of the evaluation criteria.
 4. To meets the Technical Specifications for the Goods / the Services;
 5. Is accompanied by the required Bid Security;
6. Is otherwise complete and generally in order;
7. Conforms to all terms and conditions of the Tender Document, without Material deviation or reservation

8. The Tender determined as not substantially responsive shall not subsequently be made responsive by the Tenderer by correction or withdrawal of the material deviation or reservation. However, the Purchaser may waive off any minor non-conformity or inconsistency or informality or irregularity in the Tender.

20. TECHNICAL EVALUATION CRITERIA

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

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

Under PPRA Rules # 30, Technical Bids will be evaluated on the basis of following criteria and comparative statement will be made of only those bidders who have fulfilled the criteria:

Mandatory Requirements	Documents Required
Sales Tax Registration	Certificate of Registration
Income Tax Registration	Certificate of Registration
Conformance to the required specification of items given in Schedule of Requirement	Detailed Specifications with Brand and Model
A minimum of two relevant supply orders, each valued at Rs. 02 million or more, received from public sector organizations since 2020.	Copies of Supply Orders/Contracts received in the past of the quoted brand
Company Firm is not black Listed	Affidavit /Bidder's Undertaking on stamp paper

The bidder must provide Verifiable documentary proof against all the mandatory requirement and Evaluation Criteria along with the bid and no document will be received or considered after opening of the bid.

The Committee may ask for physical Demonstration of any of the items given in the Tender Document for confirmation of the specifications.

21. FINANCIAL PROPOSAL EVALUATION

1. Only technically qualified bidders will become the part of the comparative statement.

2. **Financial** Proposal evaluation will be conducted under the Procurement Rules, 2017. The Price evaluation will include all duties, taxes and expenses etc.

22. REJECTION AND ACCEPTANCE OF THE TENDER/BID

1. The Purchaser shall have the right, at his exclusive discretion, to increase / decrease/delete the

quantity of any or all item(s), under PPRA Rules 2017 without any change in unit prices or other terms and conditions,

2. The Tender / bid shall be rejected if:

3. It is substantially non-responsive; or
4. The bidder does not meet any of the mandatory criteria mentioned.
5. It does not contain the documentary proof against any of the mandatory Criteria.
6. The bid is incomplete, partial, conditional, alternative, late; or
7. The Authorization Certificate could not be verified; or
8. The bidder does not attach Bid Security in Shape of CDR; or
9. The bidder does not attach Tender document fee in Shape of CDR; or
10. The bid security is not attached or it is less than the required amount; or
11. The Bidder submits more than one Bids against one Tender; or
12. The Bidder tries to influence the Tender evaluation / Contract award; or
13. The Bidder engages in corrupt or fraudulent practices in competing for the Contract award; or
14. There is any discrepancy between bidding documents and bidder's proposal i.e. any non- conformity or inconsistency or informality or irregularity in the submitted bid; or
15. The Bidder submits any financial conditions as part of its bid which is not in Conformity with tender document.
16. The bidder must quote all items in the bid documents; if the bidder fails to quote any item, their bid will be rejected.
17. The Women University of AJ&K Bagh reserves the right to accept or reject all bids as per AJ&K PPRA Rules 2017.

23. CONTACTING THE PROCURING AGENCY

1. No Bidder shall contact the Tender Committee of University on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
2. Any effort by a Bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract Award will disqualify the bidder and rejection of the bid. **Canvassing by any Bidder at any stage of the Tender evaluation is strictly prohibited.**

24. ANNOUNCEMENT OF EVALUATION REPORT

The Procuring Agency shall announce the results of bid evaluation in the form of a report giving justification for acceptance or rejection of bids at least 15 days prior to the award of Contract. The report

shall be made available on AJKPPRA website.

25. AWARD OF CONTRACT

The Tender will be awarded to the Lowest Evaluated Bidder who has been.

Declared Technically and financially responsive/ advantageous.

26- Letter of Acceptance (LOA)

After acceptance of the Bids by the Committee, Letter of Acceptance (LOA) will be issued only to the Successful Bidder (s).

27- PAYMENT OF PERFORMANCE GUARANTEE (PG)

The Successful Bidder(s) performance guarantee will be submitted to Purchase office in shape of CDR in favour of the Treasurer Women University of AJ&K Bagh for a specified time mentioned in bidding documents.

28- REFUND OF BID SECURITY (BS)

The BS of the unsuccessful Bidder will be refunded on the written request of the Bidder.

29- ISSUANCE OF SUPPLY ORDER OR SIGNING THE CONTRACT

The University shall issue Supply Order or sign a Contract with the Successful bidder who has meet all requirement.

30-REDRESSAL OF GRIEVANCES BY THE PROCURING AGENCY

1. 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 10 days after the announcement of the bid evaluation report.
2. The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.
3. **Mere** fact of lodging of a complaint shall not warrant suspension of the procurement process.
4. The decision of the Vice Chancellor of WUAJ&K Bagh would be final & binding on both the parties and not challengeable in any court of law.

31. GENERAL CONDITIONS OF CONTRACT / SUPPLY ORDER

DELIVERY OF ITEMS

1. Delivery Period will be counted after issuance of Letter/ of Acceptance / Supply Order with details given below:
2. The Supplier will be responsible for designing, **delivery and installation/commissioning/testing** of Goods and services
3. Before delivery of items to the locations, the Bidder must get the items inspected at WUAJ&K Bagh.
4. The supplier will bear all costs associated with the designing, delivery and installation/commissioning/testing of the Items and the Purchaser will in no case be responsible or liable for those costs. The supplier will make such arrangements to ensure safe delivery of goods. Any damage sustained during transportation / delivery/installation/ commissioning will be rectified by the supplier at his cost.
5. The Vendor/Supplier shall be responsible to provide & execute the project including detailed Design, Supply, Installation, Testing, Commissioning, and Calibration of Solar on-Grid Net Metering Capable System.
6. It would be responsibility of the Vendor/Supplier, after award to ensure all the works as per scope of the specification/ standards are completed for safe and efficient working of the system by following OHSAD/ ISO, IEC standards, Alternate Energy Development Board (AEDB), National Electric Power Regulatory Authority (NEPRA) and Concerned Distribution Company, Islamabad Electric Supply Company IESCO/AJKED.
7. Vendor/Supplier shall abide by and comply with all rules, regulations, directives, and any written requirement as set out by NEPRA/ AEDB/ IESCO/AJKED or any other relevant authority with regards to the solarization process.
8. The System installation shall be completed with all protective devices (Earthling, Lightning Arrestors, AC/DC Disconnects, Manual Switch, Surge Protection, AC/DC Current and Voltage Monitoring), control room for inverter installation & solar mounting structure at concrete pads on roof top/ site (civil work for concrete pads on roof top & parking shed as per site requirements and mentioned in BOQ/Technical requirements will be responsibility of the Vendor/Supplier, AC Power Distribution Cabinet (LV Planal) must house all the AC disconnects, Bus bars, Manual ON/ OFF switch, breakers, energy meter, Voltage and Current meters, etc.
9. Supplier must provide & install separate LV Safety Panels for each building/area dedicated for that particular Solar PV System before injection into the Building/Area LV Panel.
10. The system must be complete in all respects with all components and accessories whether or

not the same have been quoted/mentioned in the RFP. All the fittings and accessories that might not have been mentioned specifically in the specification but are necessary for equipment's of the solar PV system shall be deemed to be included in the scope of specification and shall be supplied and furnished by the supplier without any extra charges.

11. The university reserves the right to increase/decrease quantity of any items (s) at any stage of the procurement process, contract execution period and as per site requirement. The unit rates must be quoted.
12. The whole system warranty will be on suppliers' letter, Suppliers will be responsible for all repair works with parts on its own arrangements and expenses during the warranty period.
13. The Vendor/Supplier will provide complete PSI/CoC test reports of Solar PV modules from accredited Lab of quoted solar PV modules as per IEC Standards and as well for CCTV,AC. The purchaser shall have all the rights to get tested or verified from laboratories any items/ components of Solar PV System, if in doubt.
14. Client can ask any time for any testing, verification, and confirmation letter from supplier/ manufacturer for manufacturing and supply of any component of Solar PV System ED, CCTV, and AC. If any kind of testing is required, the supplier/ firm will be required to facilitate the testing (before/ after) delivery at his own cost.
15. The Supplier will be bound to provide technical and operational manual & Software at the time of delivery/ upon completion. Before final inspection, the Supplier must provide one Box File with complete documentation, data sheets of all components, operational & maintenance manuals & necessary software's sales and service persons' contacts with cell number, emails, inspection report and this reference Box file available to all.
16. Must Provide all relevant diagrams, System Interconnection wiring drawings, layout plan, CCTV, PV Panel Shed diagrams, Single line diagrams (SLD) including but not limited to this, of the installed Solar PV on Grid Net Metering System (Complete in all respect) as per site, (as built basis) upon completion of the services. All the supportive, valid, genuine, and traceable documents must be provided.
17. Net Metering Consultancy & Documentation, License & Bidirectional Meter, installation and commissioning, inspection, and approval by NEPRA/ IESCO. (Complete in all respect as per site requirement).
18. The Supplier/ Installer must ensure compliance with the requirement as specified by NEPRA / AEDB & Concerned DISCO (IESCO,AJKED) in its regulations for Net Metering.

The supplier installer shall ensure that the whole process with regards to Net Metering connection, from application till approval & connection, net meter installation, working, must be completed within the contract period.

32. LIQUIDATED DAMAGES

1. When the supplier fails to deliver or install the goods or both within the time period specified in the supply order, the Committee may, without prejudice to any other remedy it may have under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.1% of the price of the delayed goods per day of delay, maximum up to 10% of the price of total value of the contract.
2. The Successful Bidder will be responsible to provide the delivery, delivery Challan Bill, sales tax invoice and bill within the delivery period in order to avoid Late Delivery Charges.

33. INSPECTION AND TESTS

1. The Committee shall inspect and test the Goods supplied, the Services provided, under the Contract/Supply Order, to verify their conformity to the Technical Specifications.
2. Inspection will be done at Women University of AJ&K Bagh.
3. The Committee may verify the authenticity of items from Supplier.
4. After the inspection or test if the Technical Committee declared items do not conform to the specification and the criteria then the Committee may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the requirements of the specifications free of cost to University.

34. RELEASE OF PERFORMANCE GUARANTEE (PG)

The Performance Guarantee will be refunded to the successful bidder(s) after twelve (12) months from the completion of installation/commissioning, upon receipt of the end user's/committee's report.

35-CONTRACT AMENDMENT

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

36-BLACKLISTING

If the Contractor fails / delays in performance of any of the obligations, under the Contract / Letter of Acceptance, violates any of the provisions of the Contract / Letter of Acceptance, commits breach of any of the terms and conditions of the Contract / Letter of Acceptance or found to have engaged in corrupt or

fraudulent practices in competing for the award of contract / Letter of Acceptance or during the execution of the contract / Letter of Acceptance, the University may without prejudice to any other right of action / remedy it may have, blacklist the Contractor, either indefinitely or for a stated period, for future tenders in public sector, as per mechanism provided in Procurement Rules, 2017.

37-Force Majeure

Majeure means an act of nature or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee constituted for Redressed of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, 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 reasonable alternative means for performance not prevented by the Force Majeure event.

38- Warranty

1. As mentioned in tender documents.
2. Supplier shall confirm that the goods supplied under this contract are new and unused. The Supplier shall further warrant that all goods supplied under this contract shall have no defect arising from design materials or workmanship or from any act or omission of the supplier that may arise under the normal use of the supplied goods in the conditions prevailing in the University.
3. During the warranty period the Successful Bidder will provide comprehensive warranty of the items. The Committee shall notify the supplier in writing of any claim arising under the warranty. Upon receipt of such notice, the supplier shall repair or replace the defective goods or parts within given time, inclusive of, where applicable, the cost of inland delivery of the repaired or replaced goods or parts from the port of entry to the final destination and their installation.

39- Specifications of Required Items

Lot-01 Supply, Installation, Commissioning and Testing of CCTV Cameras and LEDs

- The bidder must conduct a **site visit** before submitting the quotation to assess requirements accurately.
- The installation shall be carried out by **qualified engineers/technicians**.
- All electrical and structural works shall conform to **standards**.

- The bidder shall ensure **proper training and handover** to the university staff upon completion.

S.No	Item	Specification	QTY	
1	CCTV Camera(complete set)	4K UHD IR Bullet camera system Live video with 3840x2160 resolution Up to 8ch simultaneous recording Easy network setup by QR code scan Free remote monitoring app on Android/iOS/PC/Mac Wide angle field of view 105° & Night vision up to 130ft Indoor/Outdoor use with IP66 weather resistance 2TB surveillance-grade HDD With Complete Installation	01 Set of 8 Cameras	
2	NVR	Provide independent HDMI and VGA outputs HDMI video output at up to 4K resolution Up to 2 SATA interfaces for HDD connection 8-ch synchronous playback Web access/remote access with installation	1 No	
3	Hard drive	2TB	1 No	
4	LED	Screen Size: Type: Resolutions Color Depth: HDMI USB Wireless Wifi Access Ethernet With installation	65'' QLED 3840*2160 1 Billion or higher Yes Yes Yes Yes Yes	1 No
5	LED	Screen size Smart HDMI Ethernet Wireless	32'' Yes Yes Yes Yes	1 No

Lot-02 Supply, Installation, Commissioning and Testing of ACs

- The bidder must conduct a **site visit** before submitting the quotation to assess requirements accurately.
- The installation shall be carried out by **qualified engineers/technicians**.
- All electrical and structural works shall conform to **standards**.
- The bidder shall ensure **proper training and handover** to the university staff upon completion.

01	Air Condition (AC)	01 Ton inverter (Cooling and Heating) With complete installation and complete accessories, wifi enabled, live monitoring via mobile app. Solar Hybrid	03 Nos
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		Warranty : Compressor Including Gas(10 Years) Evaporator including Gas(05 Years) Other part including Gas (05 Years) General inspection services Product Demonstration, Remote setting, Filter cleaning, WIFI connectivity, etc. (01 Year)	
02	Air condition (AC)	1.5 Ton inverter (cooling and heating) With complete installation and complete accessories , wifi enabled, live monitoring via mobile app. Solar Hybrid Warranty : Compressor Including Gas(10 Years) Evaporator including Gas(05 Years) Other part including Gas (05 Years) General inspection services Product Demonstration, Remote setting, Filter cleaning, WIFI connectivity, etc. (01 Year)	03 Nos

Lot -03 Designing, supply, installation, commissioning and testing of Solar System following specification for PV, inverter and batteries etc.

- The bidder must conduct a site visit before submitting the quotation to assess requirements accurately.
- The installation shall be carried out by qualified engineers/technicians.
- All electrical and structural works shall conform to standards.
- The system must include remote monitoring capability.
- The bidder shall ensure proper training and handover to the university staff upon completion.
- Comprehensive warranty of the complete system must be provided on a PKR 100 stamped paper, duly signed and stamped.
- Warranty certificates (minimum 10 years for panels, 10 years for inverter and 5 years for batteries extendable to 10 years) must be provided.
- Bidders must be registered with relevant tax authorities (FBR/Income Tax/Sales Tax).
- Bidders must have prior experience in similar solar projects (minimum 20 kW cumulative installed capacities).
- Prices must be quoted in PKR, inclusive of all applicable duties and taxes, delivery, installation, and commissioning.
- Testing, commissioning, and handover with complete documentation.
- Training of local staff for basic operation and maintenance.

16kW Solar System with 3-Phase Hybrid Inverter (IP65)

Model: 16 kW Outdoor Hybrid Inverter

Application: On Grid-tie + Off-grid + Backup (with LiFePO₄ battery) **Location suitability:** Bagh, AJK (harsh outdoor conditions) **Electrical Characteristics**

- **Rated AC Power:** 16 kW (3-phase)
- **Nominal AC Voltage:** 3 × 400/230 V (configurable 380/400/415 V)
- **AC Voltage Range:** 310–480 V L-L
- **Nominal Frequency:** 50 Hz (45–65 Hz)
- **Rated AC Current:** ~29 A per phase @ 400 V
- **Power Factor:** 0.8 lagging ... 0.8 leading (adjustable)
- **AC THD:** ≤ 3 %
- **Switch-over Time (to backup):** 0 ms
- **Night Consumption:** same as day time

PV Input

- **Max PV Power (DC):** 26 kWp (oversizing allowed)
- **Max DC Voltage:** 1000 Vdc
- **Start-up Voltage:** ≤ 200 Vdc
- **MPPT Voltage Range:** 200–850 Vdc
- **No. of MPPTs:** 2–4 (independent)
- **Max Current per MPPT:** ≥ 26 A
- **PV Conversion Efficiency:** ≥ 98.5 % peak, ≥ 97.5 % Euro

Battery Interface

- **Battery Type:** LiFePO₄ with BMS communication (CAN/RS-485)
- **Nominal Voltage:** 400–600 Vdc (typical: 512 Vdc)
- **Operating Voltage Range:** 350–600 Vdc
- **Max Charge/Discharge Power:** 16 kW
- **Max Charge/Discharge Current:** Up to 50 A (configurable)
- **Round-trip Efficiency:** ≥ 96 %
- **Cycle Life Support:** ≥ 6000 cycles @ 80 % DoD

Efficiency

- **Inverter Peak Efficiency:** ≥ 98.5 %
- **Euro Efficiency:** ≥ 97.5 %
- **Battery Conversion Efficiency:** ≥ 96 %

Protection & Safety

- **Protections:** DC reverse polarity, DC/AC surge (Type II SPD), over-current, over/under-voltage, short-circuit, ground fault, anti-islanding (per IEC 62116)
- **Cooling Protection:** Over-temperature derating, fan failure alarm
- **Standards:** IEC/EN 62109-1/2, IEC 62477-1, IEC 61727, IEC 62116, IEC 61000-6-2/4, IEC 60529 (IP65)

Communication & Monitoring

- **Interfaces:** RS-485, CAN, Ethernet, Modbus-RTU/TCP
- **Optional:** Wi-Fi / 4G gateway
- **Monitoring:** Local LCD / touchscreen HMI; remote cloud portal

- **Dry Contacts:** Genset start/stop, alarms, programmable I/O

Mechanical & Environmental

- **Enclosure:** IP65 outdoor, powder-coated steel/aluminum, UV resistant
- **Dimensions (approx):** ≤ 1000 mm (H) × 700 mm (W) × 350 mm (D)
- **Weight:** ≤ 120 kg
- **Operating Temp:** -25 °C ... +85 °C (derating > 45 °C)
- **Humidity:** 0–95 % non-condensing
- **Altitude:** ≤ 2000 m without derating
- **Noise:** ≤ 60 dB(A) @ 1 m
- **Mounting:** Wall or floor; seismic anchoring supported

Warranty

- **Inverter:** ≥ 10 years
- **Battery (LiFePO₄):** ≥ 5 years, optional 10 years with capacity guarantee

Accessories & Options

- External maintenance bypass (IP65)
- AC/DC combiner boxes with SPDs
- Remote monitoring gateway (4G/5G)
- Seismic mounting base
- Spare parts kit (fans, fuses, relays)

Note: Specifications may be adjusted during detailed engineering, procurement and installation as per approval of the committee. All bidders must provide product datasheets, certificates, and type test reports for compliance

S.No.	Specifications/dimensions	Unit	Quantity
1	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches,etc (rate for cable only):- 6mm ² single core(For Dc Wiring)(Pakistan Cable, Newage Cable or equivalent).	Meter	100
2	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S.conduits /PVC pipe /G.I. wire/trenches, etc. 4 core 35 mm ² (For AC Wiring) (Pakistan Cable, Newage Cable or equivalent).	Meter	30
3	DC Wiring: High-quality stranded 99% copper wires (XLPO) appropriate diameter, standard specification, UV Resistant, tinned copper, IEC Certified. (Pakistan Cable, Newage Cable or equivalent).	Lot .As per system requirement	1
4	AC Wiring 99% copper wire of appropriate diameter as per approved specification (Pakistan Cable, Newage Cable or equivalent).	Lot .As per system requirement	1
5	P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutrals & Earth Bar, Door Earthling, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeters elector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 12" deep	Cft	10
6	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/GE U.S.A/ SCHNEIDER GERMANY / SIEMEN GERMAN/TERASAKI JAPAN/ABB SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screws ,necessary wire complete in all respect as approved and directed by the Engineer In charge. Single Pole 6-40Amp (As required)	Nos	20
7	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge. HRC Fuses With Base 63 Amp (As required).	Nos	1
8	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of 16 SWG gauge, size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16"and MS patti of 1-1/2"x3/16"size @ 5ft C/C, hangers i/c the cost of hardware's as approved and directed by the Engineer Incharge. 9"x4" (As required)	Metre	10
9	Supply and erection of lightning arrestor horn type with 25 mm ² cable, complete in all respects.	Nos	2

10	Providing, making & testing / commissioning of Bore type earthing point by drilling 3" dia bore hole up to water table / moist oil by laying 2" dia perforated GI pipe (Medium Quality) fixed with 40mm dia and 250 mm long tinned coppers pike at bottom, i/c the cost of Tinned earth test link copper plate (300x50x10mm),brass nuts, spacers ,bolts washers lugs etc including the cost of copper strand Bare conductor 25 mm ² & manhole.as approved and directed by Engineer Incharge (Bore Type Earthing)	Job	1
11	Excavation in foundation of building bridges & other structure i/c dag belling refilling the earth around the structure in ordinary soil	Cft	619
12	Cement concrete 1:4:8 with Lawrence sand and Margalla Crush	Cft	68
13	R.C.C in raft strip foundation base slab of column cast in situ type c nominal mix 1:2:4 with Lawrence pure sand and Margalla Crush	Cft	100
14	R.C.C in roof slab beam column lintel girder cast in situ type c nominal mix 1:2:4 with Lawrence pure sand and Margalla Crush	Cft	90
15	Fabrication of mild steel reinforcement in cement concrete i/c cutting bending binding & laying in position i/c cost of binding Grade 40 steel	Kgs	120
16	Fabrication of heavy steel work, with angle tees,base plates, channels, flat iron, round iron and sheet iron for making trusses, girders, tanks etc including cutting, drilling riveting handling, welding, assembling and fixing including erection in position to withstand wind speed >150 kmph.	Kgs	1300
17	Enclosures/Cabinets for Batteries, inverters and combiner boxes	No	2
18	Supply Installation testing & commissioning of N Type Bifacial Panel Wattage 585 Watt or above (Longi, Jinko, Canadian or equivalent Top con cell type Mono perc Half cut (mono crystalline)(Module Efficiency 22 % or above Open Circuit Voltage 51 volt or above, Short Circuit current 14 Ampere or above Operating temperature -40 C ~ +85 C class A Tier Quality Tier 1 Max System voltage DC 1500V Fuse rating 25 Ampere Protection class II Fire Rating UL Type 1 or 2 IEC Class C 3.2mm tempered glass frame with anti-reflection coating Aluminum Alloy Anodized Solar Junction Box IP68, 3 By Pass Diodes Cable 4mm ² (Output) with MC4 Connector preinstalled Power Output Tolerance maximum 10Watt Efficiency 10 years manufacturer &30 Years performance warranty complete in all respect as approved and directed by Engineer in Charge	Nos	36

19	Supply Installation testing & commissioning of on Grid Three phase Pure Sine Wave Hybrid Inverter of required ratings with cloud monitoring Inverex, Nitrox, Growatt, Solis, Huawei or equivalent) with MPPT Tracker 03 Nos, Min PV Strings/MPPT 02 Nos, Minimum Efficiency of 98.5% or above, Internal DC Switch and transformer-less Type II surge protection for both DC and AC Anti-PIC for PV module Multi MPPT charging module Optional AC switch AFCI function Supporting AC power supply with minimum 10 years warranty complete in all respect as approved and directed by Engineer in Charge. Not less than 8KW OR Higher	08 KW	2
20	Batteries-Lithium Iron Phosphate (LiFe PO4) or Equivalent (48 v), rated compatible with hybrid inverter. Minimum Life Cycles>6000 cycles at 80% DoD ,Depth of Discharge>90% and design life 15 years @25 Centigrade.5 years warranty extendable to 10 years .Minimum 300 ampere or higher	No.	2
21	Transportation, Net metering Documentation, Inspection & Net metering approval by Disco Bi-Directional meters & Disco Approval fee	Job	1
22	Accessories: PVC pipes (Adamjee/GM or equivalent), PVC-coated GI flexible pipes, thimbles, cable ties, rawal bolts, PVC slotted ducts, etc.	Job. As per system requirement	1

40- Financial Bid Form

Lot -01

Sr. No.	Name of Item	Qty	Rates (Inclusive Taxes)	Amount (Inclusive Taxes)
1	CCTV Camera(complete set)	01 Set of 8 Cameras		
2	NVR	1 No		
3	Hard drive	1 No		
4	LED 65"	1 No		
5	LED 32"	1 No		
Grand Total (Inclusive Tax)				

Lot-02

Sr. No.	Name of Item	Qty	Rates (Inclusive Taxes)	Amount (Inclusive Taxes)
1	Air condition 01 ton	03 Nos		
2	Air Condition 1.5 ton	03 Nos		

Grand Total (Inclusive Tax)	
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Lot-3

Sr.	Specifications/dimensions	Unit	Quantity	Unit price	Amount(including all taxes)
1	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches,etc (rate for cable only):- 6mm ² single core(For Dc Wiring)(Pakistan Cable, Newage Cable or equivalent).	Metre	100		
2	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S.conduits /PVC pipe /G.I. wire/trenches, etc. 4 core 35 mm ² (For AC Wiring) (Pakistan Cable, Newage Cable or equivalent).	Metre	30		
3	DC Wiring: High-quality stranded 99% copper wires (XLPO) appropriate diameter, standard specification, UV Resistant, tinned copper, IEC Certified. (Pakistan Cable, Newage Cable or equivalent).	Lot .As per system requirement	1		
4	AC Wiring 99% copper wire of appropriate diameter as per approved specification (Pakistan Cable, Newage Cable or equivalent).	Lot .As per system requirement	1		
5	P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutrals & Earth Bar, Door Earthling, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeters elector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 12" deep	Cft	10		
6	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/GE U.S.A./ SCHNEIDER GERMANY / SIEMEN GERMANY/TERASAKI JAPAN/ABB SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screws ,necessary wire complete in all respect as approved and directed by the Engineer In charge. Single Pole 6-40Amp (As required)	Nos	20		
7	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge. HRC Fuses With Base 63 Amp (As required)	Nos	1		

8	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of 16 SWG gauge, size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16"and MS patti of 1-1/2"x3/16"size @ 5ft C/C, hangers i/c the cost of hardware's as approved and directed by the Engineer Incharge. 9"x4" (As required)	Metre	10		
9	Supply and erection of lightning arrestor horn type with 25 mm 2cable, complete in all respects	Nos	2		
10	Providing, making & testing / commissioning of Bore type earthing point by drilling 3" dia bore hole up to water table / moist oil by laying 2" dia perforated GI. pipe (Medium Quality) fixed with 40mm dia and 250 mm long tinned coppers pike at bottom, i/c the cost of Tinned earth test link copper plate (300x50x10mm),brass nuts, spacers ,bolts washers lugs etc including the cost of copper strand Bare conductor25 mm ² & manhole.as approved and directed by Engineer Incharge (Bore Type Earthing)	Job	1		
11	Excavation in foundation of building bridges & other structure i/c dag belling refilling the earth around the structure in ordinary soil	Cft	619		
12	Cement concrete 1:4:8 with Lawrence sand and Margalla Crush	Cft	68		
13	R.C.C in raft strip foundation base slab of column cast in situ type c nominal mix 1:2:4 with Lawrence pure sand and Margalla Crush	Cft	100		
14	R.C.C in roof slab beam column lintel girder cast in situ type c nominal mix 1:2:4 with Lawrence pure sand and Margalla Crush	Cft	90		
15	Fabrication of mild steel reinforcement in cement concrete i/c cutting bending binding & laying in position i/c cost of binding Grade 40 steel	Kgs	120		
16	Fabrication of heavy steel work, with angle tees,base plates, channels, flat iron, round iron and sheet iron for making trusses, girders, tanks etc including cutting, drilling riveting handling, welding, assembling and fixing including erection in position to withstand wind speed >150 kmph.	Kgs	1300		
17	Enclosures/Cabinets for Batteries, inverters and combiner boxes	No	2		
18	Supply Installation testing & commissioning of N Type Bifacial Panel Wattage 585 Watt or above (Longi, Jinko, Canadian or equivalent Top con cell type Mono perc Half cut (mono crystalline)(Module Efficiency 22 % or above Open Circuit Voltage 51 volt or above, Short Circuit current 14 Ampere or above Operating temperature -40 C ~ +85 C class A Tier Quality Tier 1 Max System voltage DC 1500V Fuse rating 25 Ampere Protection class II Fire Rating UL Type 1 or 2 IEC Class C 3.2mm tempered	Nos	36		

	glass frame with anti-reflection coating Aluminum Alloy Anodized Solar Junction Box IP68, 3 By Pass Diodes Cable 4mm2 (Output) with MC4 Connector preinstalled Power Output Tolerance maximum 10Watt Efficiency 10 years manufacturer & 30 Years performance warranty complete in all respect as approved and directed by Engineer in Charge				
19	Supply Installation testing & commissioning of on Grid Three phase Pure Sine Wave Hybrid Inverter of required ratings with cloud monitoring Inverex, Nitrox, Growatt, Solis, Huawei or equivalent) with MPPT Tracker 03 Nos, Min PV Strings/MPPT 02 Nos, Minimum Efficiency of 98.5% or above, Internal DC Switch and transformer-less Type II surge protection for both DC and AC Anti-PIC for PV module Multi MPPT charging module Optional AC switch AFCI function Supporting AC power supply with minimum 10 years warranty complete in all respect as approved and directed by Engineer in Charge. Not less than 8KW OR Higher	08 KW	2		
20	Batteries-Lithium Iron Phosphate (LiFe PO4) or Equivalent (48 v), rated compatible with hybrid inverter. Minimum Life Cycles > 6000 cycles at 80% DoD, Depth of Discharge > 90% and design life 15 years @ 25 Centigrade. 5 years warranty extendable to 10 years. Minimum 300 ampere or higher	No.	2		
21	Transportation, Net metering Documentation, Inspection & Net metering approval by Disco Bi-Directional meters & Disco Approval fee	Job	1		
22	Accessories: PVC pipes (Adamjee/GM or equivalent), PVC-coated GI flexible pipes, thimbles, cable ties, rawal bolts, PVC slotted ducts, etc.	Job.As per system requirement	1		
	Grand Total price in figures(including all taxes)				
	Grand Total price in words (including all taxes)				

41- Pre-Bid Meeting

1. Non-Mandatory Attendance:

Attendance at the pre-bid meeting is **not mandatory**, and absence shall **not** be considered a cause for disqualification of any bidder.

2. Amendments After Pre-Bid Meeting:

The University reserves the right to **amend, modify, add, or delete** any specification, quantity, or item based on discussions held during the pre-bid meeting.

3. Issuance of Revised Documents:

Any changes, clarifications, or addenda resulting from the pre-bid meeting shall be uploaded to the University's official website. These shall be considered an integral part of the bidding documents.

4. Bidder's Responsibility to Stay Updated:

Bidders are responsible for **regularly visiting** the University's website and ensuring that they have obtained all updated information, corrigenda, and revisions before submitting their bids.

5. No Separate Communication:

The University shall not be obligated to issue separate notices to bidders. Uploading revised information on the University's website (www.wuajk.edu.pk) shall be deemed sufficient communication.

(Naeem Asghar)
Secretary Central Purchase Committee,
Women University of AJ&K Bagh
Mobile# 0313-8354903, e-mail: naeem@wuajk.edu.pk