

Name and Address of Bidder:



BIDDING DOCUMENTS
TECHNICAL BID
PART-I
FOR
National Competitive Bidding

Provision, Installation, and Commissioning Of 500 kW Solar PV System for Academic Blocks and Walkway/Parking Sheds At University of Rasul, Mandi Bahauddin

Bid Reference No:	UOR/P&D/2025-26/
Tender No.14 Tender Name:	Provision, Installation, and Commissioning Of 500 kW Solar PV System for Academic Blocks and Walkway/Parking Sheds At University of Rasul, Mandi Bahauddin
Procurement Procedure & Method	Single Stage Two Envelope (Least evaluated Cumulative Cost basis)
Last Date & Time of Receipt of Bids	04-05-2026 10:15
Bid Opening Date & Time:	04-05-2026 10:45

UNIVERSITY OF RASUL MANDI BHAUDDIN

13km, Sarai Alamgir Road, Mandi Bahauddin

Ph: 0546-553354, Email: pd@putrasul.edu.pk

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Tender No: UOR/P&D/2025-26/

Signature of bidder with official stamp

Dated:

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INTRODUCTION

University of Rasul, Mandi Bahauddin (UoR)—upgraded in 2018 from the historic Government College of Technology Rasul—has rapidly emerged as a dynamic center of higher learning and research. Inheriting more than a century-old legacy of technical education, the university now serves as a catalyst of intellectual, social, and industrial progress. With its innovative curricula, dedicated faculty, and strong industry linkages, UoR caters to the diverse needs of society by imparting education in almost all major fields of learning, ranging from engineering and technology to management and applied sciences. It not only emphasizes hands-on, application-oriented teaching but also fosters innovation, entrepreneurship, and cultural enrichment, making it a vibrant hub of academic, social, and professional activity in the region.

The UOR will be a significant power consumer in the area when Campus is fully operational, relying on grid-purchased electricity from WAPDA to run its academic & admin facilities. WAPDA (GEPCO) steadily increasing the kWh electricity rates. UOR is seeking a means to minimize its reliance on WAPDA and to achieve both long-term electricity cost savings and cost certainty through the use of solar PV system. The proposed solar PV system would interconnect to the grid under the WAPDA Net Energy Metering, enabling efficient energy use and sustainable development.

UOR has decided to execute the work named as **“PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM FOR ACADEMIC BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF RASUL, MANDI BAHAUDDIN”**

To achieve the quality work and engage technical and capable contractor the university decided to adopt single stage two envelope bidding process. Accordingly, well reputed firms registered with Pakistan Engineering Council (PEC) in the category “C-5 & above” (with specialization in Code EE-11 (EE11(vi) Solar Installation, EE11(iii) Solar Energy system, EE11(xvii) Solar works), EE04, CE10, ME07(v)), registered with Alternative Energy Development Board (AEDB) in the category “C-1”, registered with e-PADS as per Regulations-7(1) of upto-date PPRA regulations having required technical and managerial capabilities, are invited to participate in the bidding process for the above said project through submission of their requisite e-bid.



UNIVERSITY OF RASUL, MANDI BHAUDDIN

INVITATION FOR BIDS (E-Tendering)

(SINGLE-STAGE TWO ENVELOPES)

University of Rasul, Mandi Bahauddin (hereinafter referred to as the “Procuring Agency”) **invites** the bids from well reputed **Vendors / Contractors** registered on e-PADS as per Regulations-7(1) of PPRA regulations- 2024 having valid PEC License in category **C-5 or above** with specialization in following codes **Code EE-11 (EE11(vi) Solar Installation, EE11(iii) Solar Energy system, EE11(xvii) Solar works)**, **EE04, CE10, ME07(v), AEDB License, active filer NTN, PRA, GST**, for blow mentioned Project:-

“PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM FOR ACADEMIC BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF RASUL, MANDI BHAUDDIN”

1. Subject project shall be carried out through e-PADS of Punjab Procurement Regulatory Authority (PPRA) only. Bidding Documents containing detailed requirements, terms and conditions is available for the registered bidders on e-PADS at www.punjab.eprocure.gov.pk and Punjab Regulatory Authority (PPRA) Website <http://ppra.punjab.gov.pk>.
2. **Single stage two envelope** bidding procedure will be adopted. The bids prepared in accordance with the instructions in the bidding documents, must be submitted on e-PADS on or before **04-05-2026**, not later than **10:15 AM**. Technical Bids will be opened on the same day on e-PADS at **10:45 AM**. Manual bids shall not be accepted. The **Bid Security** in the shape of **CDR/Bank Guarantee/PO/Demand Draft/Banker Cheque** except insurance bond for an amount of **5%** of estimated cost **Rs. 3,054,230** in the name of **“Treasurer, University of Rasul Mandi Bahauddin” (NTN: 9022261-4)** shall be uploaded on e-PADS in soft copy as well as hard copy (in original) of the same shall be submitted in the office of Director, Planning & Development situated at **University of Rasul, Mandi Bahauddin**, before the E-bid Submission deadline otherwise bid shall be **“rejected”**.
3. Only technically responsive bidder(s) will be qualified for opening of financial bid(s). Financial bid of bidder(s) found technically non-responsive shall remain un-opened in the e-PADS.
4. If the e-bid or proposal including record submitted on the e-PADS found corrupt, un-readable or contain virus, the e-bid or proposal shall be rejected as per **Regulation -8(4) of PPRA Regulations- 2024**.
5. The bidder shall submit e-bids through uploading PDF file on e-PADS as per **Regulation-6(4) of PPRA Regulations-2024**.
6. The procurement shall be made under PPRA Rules-2014 and Punjab Procurement Regulations-2024.
7. The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal under **Punjab PPRA Rules 2014 (Rule-35)**.
8. Conditional tender will not be accepted.
9. No bid submitted through telegraph, post, courier, or by hand shall be accepted. Only e-bids submitted through e-PADS shall be considered.
10. Tendered rates and amount should be filled in figures as well as in words and tenders should be signed as per general directions given in the tender documents.
11. In case, the last date of bid submission and opening falls in / within the official holidays, the last date for submission and opening of the bids shall be the next working day.
12. The bidder must quote unit/Item rates for all items, failing which the bid shall be rejected.
13. For any clarification regarding this solar tender and its technical specifications, guidance may be obtained from the Dy. Director Planning and Development, University of Rasul, at Tel: +92 (546) 553354, Mobile: 0312-4644644.
14. Pre Bid meeting will be held on **27-04-2026 at 12:45 PM** in the office of the Director, Planning & Development
15. Estimated cost **Rs. 58,175,908/-**
16. Estimated cost with **5% PRA Rs. 61,084,599/-**

+ E-PADS Helpline : 051-111-137-237

Note: The URL of the website of the PPRA is (<http://eproc.punjab.gov.pk/ViewTender.aspx>) and response time shall be calculated exclusively from the date of publication of the advertisement on the website of PPRA.

Director, Planning & Development, University of Rasul

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Signature of bidder with official stamp

Dated:

INSTRUCTIONS TO BIDDER

- 1) Proposals shall be submitted in English language.
- 2) Single stage two envelopes bidding procedure will be adopted by using uploading files on e-PADs. The Procuring Agency will open the Technical Bids as per Punjab Procurement Regulations 2024. The Financial Bids will remain unopened and will be held in custody of the Procuring Agency until the specified time of their opening as per ibid regulations.
- 3) The bidder must quote unit/Item rates for all items, failing which the bid shall be rejected.
- 4) The bidder must provide AEDB certificate with bid.
- 5) Conditional tender will not be accepted.
- 6) The bidder must provide **PRA Certificate** along with bid.
- 7) The bidder should quote rate after careful study of bid document
- 8) The rates should be quoted both in figures as well as in words. Similarly, the total amount of the individual items should also be mentioned both in figures as well as in words
- 9) The bidder shall quote single option of each item from mentioned brands. In case of equivalent item, the item must qualify the specification. Otherwise bid will be rejected.
- 10) The lowest evaluated bidder will be required to furnish the performance guarantee before entering into a contract. Should the lowest evaluated bidder refuse or fail for any reason to furnish performance guarantee. **(if applicable as per contract agreement GOP)**
- 11) The procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements
- 12) Any addition, alteration and substitution after submission of bid shall not be accepted
- 13) During the technical evaluation no amendments in the technical proposal shall be permitted and if the Procuring Agency deems necessary to seek clarifications it will be sought in- writing **via email**.
- 14) At the end of the evaluation of the Technical Bids, the Procuring Agency will upload the evaluation on e-PADS and PPRA website regarding those bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for opening of the Financial Bids.
- 15) The Procuring Agency shall upload the technical evaluation report on e-PADS and PPRA website for the bidders whose Technical Bids are found substantially non-responsive to the requirements of the Bidding Document. The Financial Bids of such bidders shall remain unopened in e-PADS and shall not be considered for financial opening. Only those bidders who are declared technically responsive and qualified shall be invited for opening of Financial Bids.
- 16) The bidder should clearly read the item specifications specially (Solar PV panels, Inverters and AC/DC Cables) and quote as per specification. If bidder failed to quote required specification of any of these items (Specially) bid will be rejected and considered as "Non-Responsive".
- 17) The overall lowest evaluated bidder shall be awarded the contract
- 18) Each page of bidding documents (along with supporting documents i.e. technical brochures / catalogue etc.) has to be stamped and signed by the authorized signatory of the firms / company / contractor failing which Bid shall be rejected. Digital signatures and stamp are allowed for uploading documents.
- 19) Cutting / erasing shall be initialed by authorized person of the company
- 20) The procuring agency may reject all the bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate

to any bidder, the ground for its rejection of all bids or proposal but shall not be required to justify the grounds.

- 21) Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge on e-PADS his grievances within **5 [five]** days for technical evaluation and within **10 [ten]** days for the announcement of the final/financial evaluation report. The decision of Grievance Redressal Committee constituted by UOR shall be acceptable to the bidder.
- 22) The successful bidder shall sign the Contract Agreement within ten (10) days of receipt of the Letter of Intent (LOI), on **E-stamp paper** of the value prescribed under Schedule I, Sr. No. **22-A(a)** of the Stamp Act, 1899, according to the contract value. The successful bidder shall also submit a Letter of Acceptance and a Performance Guarantee equal to ten percent (10%) of the contract value, in the form of CDR, Pay Order, or Demand Draft, prior to issuance of the Work Order.
- 23) **Joint Venture** must comply with the following requirements:
 - a) Following are minimum requirements for Joint Venture: -
 - i. In accordance with PEC Bye Laws, Foreign Firms are required to form JVs with local Firms.
 - ii. The joint venture must collectively satisfy the technical evaluation criteria. Heretofore, for which purpose the relevant figures for each of the partners shall be added together to arrive at the JV's total capacity.
 - iii. The lead partner shares shall not be less than **51%** and members of JV should not be more than three.
 - iv. The bidder shall provide intended JV agreement at the time of bidding and the only successful bidder shall have to provide the JV agreement registered with sub registrar mentioning the joint and several liabilities with respect to the contract at the time of execution of contract agreement. In case of failure to provide register JV agreement at the time of contract agreement the securities submitted by the bidder shall be forfeited.
 - b) Any change in a technically responsive/ qualified JV after evaluation, shall be subject to the written approval of the **Procuring Agency** such approval may be denied if: -
 - i. Lead Partner withdraw from a JV and lead partner do not meet the qualifying / technical evaluation criteria; The new lead partner to a JV does not stand qualified/ responsive individually or as another JV; or
 - ii. In the opinion of the **Procuring Agency**, a substantial reduction in competition would result.
 - iii. One firm shall not be partner in more than one JV.
 - c) Bid shall be signed by all members in the JV so as to legally bind all partners, jointly and severally.
- 24) The technically evaluation of a JV does not necessarily qualify any of its partners individually or as a partner in any other JV or association. In case of dissolution of a JV, each one of the constituent firms may be declared qualified / technically responsive if they meet all the requirements as described in technical criteria and any partner of JV has requested/shall request for the same and then his qualification shall be subject to the written approval of the Procuring Agency.
- 25) The Bidder (including all members of a JV) must not be associated, nor have been associated in the past, with the consultants or any other entity that has prepared the design, specifications and bidding documents for the project, or was proposed as Engineer for the contract, over the last five **(05) years**. Any such association may result

in disqualification/ non-responsiveness of the Bidder.

- 26) A qualified firm/contractor/JV may participate only in one bid only for the contract. If a firm submits more than one bid, singly or as a JV, all bids including that bidder will be rejected.
- 27) Any Firm / Bidder may participate in the bidding, either individually or through a Joint Venture (JV), subject to the conditions of the Bidding Document. In case of a Joint Venture, the intended JV agreement shall be attached with the Technical Proposal, clearly mentioning the joint and several liabilities with respect to the contract, and only the successful bidder shall submit the registered JV agreement at the time of execution of the Contract Agreement.
- 28) In case of JV bid security attached with bid shall be on account of Joint Venture or any firm member of JV.

TENDER QUOTED PRICE

The price quoted in tender shall be:

- i. In Pak Rupees;
- ii. Inclusive of All Taxes excluding **PRA tax**

BID SECURITY

The Tenderer shall furnish the Bid Security (Earnest Money) as under:

- i. For a sum equivalent to amount mentioned in Notice published on PPRA/EPADS denominated in Pakistani Rupees;
- ii. Any Bid not accompanied by acceptable Bid Security/Earnest money shall be rejected by the Procuring Agency as non-responsive. The bid security shall be uploaded on e-PADS in soft copy as well as hard copy (in original) of the same shall be submitted in the office of undersigned situated at **University of Rasul, Mandi Bahauddin**, before the E-bid Submission deadline otherwise bid shall be rejected.
- iii. In the form of Call Deposit Receipt (CDR)/Bank Guarantee/Demand Draft/SDR/PO/Bankers Cheque from any scheduled bank of Pakistan in favor of “**Treasurer University of Rasul Mandi Bahauddin.**” (NTN: 9022261-4)
- iv. The bid security must be on the account of bidder otherwise bid shall be rejected
- v. Having a minimum validity period of **28-Days** beyond the bid validity period.
- vi. The bid security of the bidders found technically non-responsive shall be retained and shall be returned on expiry of the grievance period or after decision of the complaint, if any, filed by the non-responsive bidder, whichever is later; provided that the Procuring Agency may release the bid security earlier if the disqualified or non-responsive bidder submits an affidavit through an authorized representative to the effect that it is satisfied with the proceedings of the Procuring Agency.
- vii. The bid security of the successful bidder shall be returned after successful completion of the Contract Agreement formalities and submission of the required Performance Security, in accordance with the terms of the Contract.

COMPLETION PERIOD

The project completion period is **03-Month** from the date of procurement order.

BID VALIDITY

The bid shall have a minimum validity period of **(90) day** from the last date for submission of the Tender. UOR may solicit the Tenderer's consent to an extension of the validity period of the Tender. The request and the response thereto shall be made in writing however the bid validity will be extended not more than **120-days**.

REQUIRED DOCUMENTS FOR TECHNICAL PROPOSAL

Documents should be attached along with technical proposal as per evaluation and qualification criteria as mentioned in bidding documents

REQUIRED DOCUMENTS FOR FINANCIAL PROPOSAL

Documents should be attached along with technical proposal as per evaluation and qualification criteria.

SUBMISSION CRITERIA & SCHEDULE:

Each Bidder shall submit his Bid as under:

- (a) ORIGINAL Electronic Bid on EPADS shall be submitted.
- (b) The ORIGINAL CDR will be addressed / identified as below.
 - i. Be addressed to the Procuring Agency as under:

Director, Planning & Development
University of Rasul, Mandi Bahauddin

- ii. Bear the name and identification number of the contract as defined in the tender notice
- iii. If the bid is not marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- (c) The technical bid should comprise of documents as per evaluation and qualification criteria which shall be placed in separate files
- (d) **Deadline for Submission of Bids**
 - i. Bids must be received by the Procuring Agency at the e-PADS link specified no later than the time and date stipulated in the tender notice

The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal under Punjab PPRA Rules 2014 **(Rule-35)**

SITE VISIT

All bidders are openly invited to visit and examine the site of work and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a contract. All cost in this respect shall be at the bidder's own expense. The bidders can Contact Director, Planning & Development or his representative for any site visit schedules. The bidder must inform relevant person at least 2 days before site visit.

ELIGIBILITY CRITERIA (Part -A)

The firms fulfilling the following basic requirements shall only be considered for further evaluation (relevant documents to be attached):

- a) Registration with **PEC** in the respective Category **C-5** or above and with specialization in the following codes(*) **EE-11 (EE11(vi) Solar Installation, EE11(iii) Solar Energy system, EE11(xvii) Solar works), EE04, CE10, ME07(v) (in case of JV**).** Alternative Energy Development Board (**AEDB**) certification in **C-1**. In case of Joint Venture, the Lead partner must be registered in the category **C-5 & Above** with the relevant code for PEC, and the other member/s should have at least registration from PEC with relevant solar code. Further, at least one member of JV shall have AEDB certification in **C-1**. *No foreign Firm(s) is allowed to participate whether as Single entity or Lead member of JV.*
- b) Memorandum and Article of Association/Registration certificate of the Firm /Partnership deed registered with sub-registrar/ Affidavit of sole proprietorship / intended JV Agreement duly signed by all members clearly showing percentage share of all partners.
- c) Income Tax, GST, SECP and PRA registration certificate (**NTN, SECP, STRN,PRA**).
- d) Annual Audit Report for the last **03 Financial years** duly certified by Chartered Accountant Firm.
- e) Submission of complete and appropriate design for Electrical, Mechanical and Civil works, including single line diagram (SLD), rooftop solar installation design/drawings, elevated walking shed / parking shed solar support structure design/drawings, lightning protection / arrestor design, and all allied details, along with the complete design report in hard form and CAD files.
- f) No black listing certificate on **E-stamp paper of Rs.300** duly certified by Notary Public / Oath Commissioner.
- g) Authorizations from Original Equipment Manufacturer (OEM) of OEM Manufacturer/manufacture authority form (MAF)/ manufacture authority letter (MAL) for Solar Panels & Solar Inverters.

Note 1:-

- i. **The PEC codes i.e. EE-11 [EE11(vi), EE11(iii), EE11(xvii)], EE04, CE10 and ME07(v) were incorporated in the tender keeping in view the composite and multidisciplinary scope of the project, comprising installation, testing and commissioning of a 500 kW solar PV system, with 200 kW on rooftop and 300 kW on elevated walking / parking shed structure. The work further includes complete electrical wiring and interconnection, fabrication and erection of elevated support structures, block / cemented foundations, and other allied civil, structural, electrical and mechanical works.*

Note 2:-

- i. **In case of joint venture, any member of the Joint Venture has to fulfill the basic eligibility criteria and each member of JV shall have to meet **Sr. No. b, c, d, e, f & g**.*
- ii. *Any Fake document shall result in black listing of firm.*
- iii. *All the documents must be in English language with sign & stamp and foreign language documents must be translated and attested from the embassy. (The non-attested translated documents will not be considered).*
- iv. **This part of evaluation shall be on knockout bases in case the bidder fails to comply any of the above requirements the bidder shall not be considered for further evaluation & will be considered as “non- responsive”**

Un-signed and un-stamped bids will be rejected.

TECHNICAL SPECIFICATIONS /Compliance Sheet (Part B)

Sr.	Description	Bidder to Specify
1	<u>Solar PV Modules</u> Providing and Fixing of Solar Module Jinko /JA Canadian/Longi Solar or equivalent (Tier-1) having specification: Wafer Type: N Type Bifacial PV Panel: 610-645W or above , Cell Quality: A+ grade Manufacturing year :, 2026 Maximum Module Efficiency: 22% or above First Year Power Degradation:1% or less Product Warranty: 12 Years or more (From manufacturer), Linear output warranty: 25 years or more with complete Import documents and Original Equipment Manufacturer (OEM) of OEM Manufacturer authority certificate. Solar PV modules meeting the certifications of IEC 61730 safety qualification testing, IEC 61701- operation in corrosive atmosphere , IEC 61215- crystalline silicon PV Module qualification , string / array junction boxes IP-68, 3 bypass diode, protection class II, IEC 60439- 1, 3 , surge protection. Device:- Type 2 , DC 1000/1500V rated, PV module/string interconnection box MC4 compatible and IEC-61215 TUV - Rheinland, IEC 61730- 1 TUV – Rheinland including cost of MC4 connectors. Complete in all respect as approved by engineer Incharge	
2	<u>ON-Grid Inverter</u> Providing and fixing of 100-115kW IP 65 or above 3-Phase Grid Tied Inverter meeting the standard and specification of VDE-AR-N 4105 (Grid Type), VDE-0-126-1-1/AL "2012" (Grid Safety), IEC 61727 or similar (utility Interface standard for PV Power Plant 100KW), IEC 62103, 62109 and 62040 or UL 1741 (Safety of static inverters), IEC 62116 (Testing procedure of Islanding prevention methods), String Monitoring, WiFi Dongle and Data Logger for Remote Monitoring , Efficiency: 98% Peak. 80A or more current Make: Huawei/Solis/Goodwe or any approved equivalent with 5 years replacement local warranty with Original Equipment Manufacturer (OEM) of OEM Manufacturer certificate authority i.e complete in all respect as approved by Engineer Incharge	
3	<u>Distribution Board</u> Providing and fixing smart MS distribution board (100-115 KW) floor/wall mounted of 14 SWG powder coated IP class 44 having 10 No. 4 pole 25/32A 1000 volt DC breaker, (Schneider/chint or equivalent), MCCB Four phase incoming 1 no 250 A (36KV), SPDs, Digital energy analyzer , indication lights ampere & volt selector switch. Electric Panel board of required depth and size, derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb, Wiring, Netural & Earth Bar, glands, Current Transformers of specified capacity ,Door Earthing, Brass glands, bus bars, controles complete in all respects as approved and directed by the Engineer Incharge	

4	<u>Mounting Structure for 200 kW:</u> Providing and fixing of 14 Gauge, Galvanized Steel mounting structure L2/(2-Panels) with SS 304 Nut bolts/mid clamps/end clamps and with 150km/h wind load test complete in all respect as approved by the engineer incharge	
5	<u>Elevated Structure for 300 kW:</u> Supply and Erection of Shed consisting of / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embeded in P:C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge. (i) 4" dia GI Pipe Supports	
6	<u>DC Cable (For PV Connections)</u> Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaidd G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):- 6 mm sq (7/0.044")	
7	<u>AC Cable</u> Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for PVC insulated, PVC sheathed Four core, 600/1000 volt non armoured cable:- 70 mm sq (19/0.083"))	
8	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, 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 @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. (ii) 9"x4" (For AC/DC Cables)	
9	Providing and fixing 2" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage ,size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. (i) 4"x 2" (For DC Cable)	
10	Supply and erection of single core PVC insulated copper conductor cables, in prelaidd PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- 450/750 volts, PVC insulated: 25 mm sq (19/0.052") (For AC Earthing)	
11	Supply and erection of single core PVC insulated copper conductor cables, in prelaidd PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- 7/1.12 mm (7/0.044") (Panel to Panel Earthing)	

12	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:-) 25 mm i/d	
13	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:-) 80 mm i/d	
14	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge 24" Sweep dia	
15	Providing, making & testing/commissioning of Bore type earthing point by drilling 3" dia bore hole up to water table/moist soil by laying 2"dia perforated GI pipe (Medium Quality) fixed with 40mm dia and 250 mm long tinned copper spike at bottom , i/c the cost of Tinned earth test link Providing, making & testing/commissioning of Bore type earthing point copper plate (300x50x10mm), brass nuts, spacers,bolts washers lugs etc. excluding the cost of copper strand & manhole. as approved and directed by Engineer Incharge (Bore Type Earthing)	
16	Supply, installation, testing and commissioning of bare copper conductor for Earthing/ Grounding System 50 mm² CU bare conductor	
17	Supply and erection of lightning arrestor horn type, complete	
18	<u>Control Room Safety</u> Fire Extinguisher (Control Room for safety) Providing of Portable CO ₂ Fire Extinguisher- 5-kg (with hanging brackets and mounting arrangements)	
19	<u>Net Metering</u> Providing and fixing Reverse Meter including cost of design, Load flow study , NEPRA fees , Meter charges , Wapda charges and approved by relevant regulatory authorities i.e. NTDC, NEPRA etc complete in all respect (500kW System)	
20	<u>Civil Works for 200 kW</u> Providing / fixing pre cast Concrete Block having size of 1' x 1' x 1' consisting of PCC (1: 1-1/2 :3), i/c shifting on roof complete in all respect and as per drawing and design approved by Engineer Incharge	
21	<u>HRC Isolator</u> Providing and fixing of 400-Amp HRC Isolator complete in all respect as approved by the engineer incharge	
22	Providing and fixing of LT TOU Meter complete in all respect as approved by the engineer incharge	

Note:

1. **This part of evaluation shall be of knock out basis** if the bidder fails to provide the authorization from Original Equipment Manufacturer (**OEM**) for items mentioned at Sr. No. 1, 2 & 3 and fails to comply the given specifications he shall be considered as” **non-responsive**” and shall not be considered for further evaluation.
2. Similar to other than above or better specifications of an equivalent item will be accepted by the Bid Opening & Evaluation Committee. Bidder attaches brochure mentioning the

relevant specifications. In absence of brochure the bid will be considered as “**non-responsive**” and the decision of the committee shall be final.

3. Appropriate and complete design of **Electrical, Mechanical & Civil works** including SLD, **roof-top installation design/drawings (for 200 kW)** and **elevated structure design/drawings for parking/walking shed (300 kW)**, lightning protection system. The soft copy of the complete design shall be uploaded with the Technical Bid. In addition, hard copies along with CAD files shall be submitted by the bidder. Failing to provide the same shall render the bid as “**non-responsive.**”

QUALIFICATION CRITERIA

Technical Evaluation will be based on the criteria given in succeeding paras regarding the Bidder's General Experience, Specific Experience, Personnel Capabilities, Equipment Capabilities & financial soundness as demonstrated by the Bidder's responses in the forms attached. The Procuring Agency reserves the right to waive minor deviations, if these don't materially affect the capability of a Bidder to perform the contract. Sub-contractor's experience and resources shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. However, Joint Venture experience & resources shall be considered. Consortium or Association of Contractors will be considered for similar treatment as in case of Joint Venture. The detailed qualification criteria for Technical Evaluation is provided as follows:

Sr.No.	Category	Weightage/Marks
1.	General & Relevant Experience	40
2.	Personnel Capabilities	20
3.	Equipment Capabilities	10
4.	Working Capital/ Financial Strength and Audit Report	20
5.	Logistics and Project Management Capacity	10
	Total:	100

The applicants must score total **70% marks** and at least 50 % marks in each category, to qualify.

SUB-CATEGORY A: EXPERIENCE RECORD

Bidder must meet following criteria for evaluation of the experience of the Firm/JV.

Sr. No.	Description	Max. Marks
i)	<u>Projects Completed</u>	
	a. The bidder must have completed 01 project of 1 MW or above PV capacity, with Net Metering, in government educational institutions over the last 02 years (Evidence must be attached with customer/end user satisfied report)	10
	b. Max 04-Projects completed of similar or higher PV capacity with Net Metering with government departments completed over last 05 years (Evidence must be attached with customer/end user satisfied Report) " <u>5 marks for each Project</u> "	20
ii)	<u>Projects (in hand)</u>	
	a. Max 02-Projects in progress of similar or higher PV capacity with Net Metering having Equal or more than 60(M) Cost of each Project with government departments (Evidence must be attached with customer/end user work order, contractor letter) " <u>5 marks for each Project</u> "	10
	Sub-total:	40

SUB-CATEGORY B: PERSONNEL CAPABILITIES

The following key experts at a minimum shall be evaluated:

No personnel will be considered for evaluation if declaration of Professional Staff Employment & availability for this Project **(Form A-3) duly signed by authorized**

signatory is not attached. Bidder will also provide **affidavit of employee** on judicial stamp paper.

Sr#	Description	Max. Points
i)	Engineers in employment of the contractor & Registered with PEC a) Number of Engineers (Min 2 No. Electrical, 1 No. Civil, and 1 No. Mechanical Engineer) (2.5 marks for each engineer) b) Electrical Engineer (PEC Registration as Professional Engineer with minimum 05 Year Experience in Solar Industry) <i>Note: The engineering staff should be register employee with firm in the PEC registration certificate in the firm</i>	10 5
ii)	Number of Diploma Engineers in Employment of the Contractor a) Number of Sub Engineers having Diploma in Associate Engineering (Min 1-No Electrical) (1 Marks for each diploma engineer)	5
Sub-total:		20

Bidders will provide **short CVs**, showing details of experts are desired by highlighting the name of expert, qualification, year of graduation or other degree(s), general experience, specific experience, designation, time of association with this firm. Experience certificates, Educational degree supporting the qualification, affidavit of employee on judicial stamp paper. No marks if required documents are not attached.

SUB-CATEGORY C: EQUIPMENT CAPABILITIES

The following Equipment shall be evaluated:

Declaration of ownership/lease of Equipment (Form A-5) duly signed by authorized signatory shall be attached.

Sr. No	Equipment Type	Max. Marks
1	Earth Resistance Tester	2
2	PV Analyzer	2
3	MC4 Punching pliers	2
4	Toolbox & Drill bit HILTI	2
5	Wrenches and Socket set	1
6	AC/DC Clamp Meter 1000V DC	1
Sub-total:		10

Bidder will provide evidence of ownership in case of his purchased equipment or affidavit on his letter head that he will arrange the following equipment subject to **award** the work.

SUB-CATEGORY D: WORKING CAPITAL & AUDIT REPORT

Audited financial statements / audit reports for the last three (03) years, along with bank statement(s) and/or credit limit certificate(s), must be attached with the bid document.

Sr. #	Description	Max. Points
i.	Average Annual Sales / Annual Turnover (Last 03 years) (<i>Signed and stamped statement along with audit reports for last 03 years i.e. 2022, 2023 & 2024 must be attached, otherwise no marks shall be awarded.</i>) PKR 30+ to 45 Million = 2 Marks Above PKR 45 Million to 60 Million = 4 Marks Above PKR 60 Million to 90 Million = 6 Marks Above PKR 90 Million to 120 Million = 8 Marks Above PKR 120 Million = 10 Marks	10
ii.	Fixed Assets (Current) (<i>Documentary proof from audit report required</i>) PKR 1.0 to 3.0 Million = 1 Mark Above PKR 3.0 Million to 6.0 Million = 2 Marks Above PKR 6.0 Million = 3 Marks	03
iii.	Tax Return Active Tax Payer for Financial Year 2022, 2023 & 2024 <i>1 mark per year</i>	03
iv.	Bank Balance / Credit Line / Available Financial Resources If available bank balance / credit line / financial resources, net of current commitments, up to the bid submission date are equal to PKR 60 Million or more , full marks may be awarded. Otherwise, marks may be awarded as: Closing Balance or Credit Limit × 04 / 60	04
	Sub-total:	20

SUB-CATEGORY E: LOGISTICS AND PROJECTMANAGEMENT CAPACITIES

Marks shall be awarded on the basis of the following criteria:

Sr. No.	Description	Max. Marks
i)	<u>Supply Chain</u> a. Marks will be given if the Applicant has association/dealership/distribution of Tier-1 suppliers of solar panel (2.5 Marks) b. Marks will be given if the Applicant has association/dealership/distribution/authorized distribution of suppliers of inverters (2.5 Marks)	5
ii)	Five Service centers in Pakistan (1 mark each)	5
	Sub-total:	10

Joint Venture (JV)

Joint Venture must comply with the following requirements: -

- a) Minimum qualification requirements: -
 - i) The lead partner shall meet not less than 50 percent of all qualifying criteria given in paras A to D heretofore.
 - ii) The joint venture must collectively satisfy the criteria of paras A to D, for which purpose the relevant figures for each of the partners shall be added together to arrive at the JV's total capacity.
- b) Any change in a qualified JV after qualification, shall be subject to the written approval of the Procuring Agency prior to the deadline for submission of bids. Such approval may be denied if:-

- i) Partner(s) withdrawn from a JV and remaining partners do not meet the qualifying requirements;
- ii) The new partners to a JV are not qualified individually or as another JV.

FINANCIAL SOUNDNESS/ AUDIT REPORT

Please attach here

GENERAL INFORMATION

Bidder (or each Member of a Joint Venture) applying for qualification is required to complete the information in this form.

1.	Name of Firm:		
2.	Head Office Address:		
3.	Telephone:		
4.	Email:		
5.	Type of Organization:		
6.	Place of Incorporation/ Registration:	Year of incorporation/ registration:	
7.	PEC Registration Category: PEC Registration No:	Validity:	
8.	NTN# & AEDB No.		
9.	Name, Designation, email and Mobile Number of Firm's Representative		

Detail of Owners/ Directors

	Name	Designation	Nationality
1.			
2.			
3.			
4.			
5.			

DETAILS OF CONTRACTS OF SIMILAR NATURE AND COMPLEXITY

<i>Name of Applicant or partner of a joint venture</i>
--

Use a separate sheet for each contract.

1.	Name of Contract Country
2.	Name of Procuring Agency
3.	Procuring Agency Address
4.	Nature of works and special features relevant to the contract for which the Applicant wishes to apply for
5.	Contract Role (Tick One) (a) Sole Contractor (b) Partner in a Joint Venture
6.	Value of the total contract (in specified currencies) at completion, or at date of award for current contract Currency..... Currency..... Currency.....
7.	Equivalent in Pak/Rs.
8.	Date of Award
9.	Date of Completion
10.	Contract Duration (Years and Months) _____ Years _____ Months
11.	Specified Requirements ¹

Insert any specific criteria required for particular operations, if any

Application Form A-2

Page__of__Pages

SUMMARY SHEET: CURRENT CONTRACT COMMITMENTS/WORKS IN PROGRESS

Name of Applicant or partner of a joint venture

Applicants and each partner to an application should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which substantial Completion Certificate has yet to be issued.

Name of Contract	Value of Outstanding work (Equivalent Pak Rs. Millions)	Estimated Completion Date
1.		
2.		
3.		
4.		
5.		
6.		

Application Form A-3**Page__of__Pages****PERSONNEL CAPABILITIES***Name of Applicant*

For specific positions essential to contract implementation, Applicants should provide the names of qualified to meet the specified requirements stated for each position. The data on their experience should be supplied on separate sheets using one Form for each candidate (Application Form A-4).

1.	Title of Position
	Name of Prime Candidate
	Name of Alternate Candidate
2.	Title of Position
	Name of Prime Candidate
	Name of Alternate Candidate
3.	Title of Position
	Name of Prime Candidate
	Name of Alternate Candidate
4.	Title of Position
	Name of Prime Candidate
	Name of Alternate Candidate

Application Form A-4

Page__of__Pages

<i>Name of Applicant</i>

CANDIDATE SUMMARY

Position		Candidate [Tick appropriate one] Prime Alternate	
Candidate information	1. Name of Candidate	2. Date of Birth	
	3. Professional Qualification		
Present employment	4. Name of Procuring Agency		
	Address of Procuring Agency		
	Telephone	Contact (manager/personnel officer)	
	Fax	Telex	
	Job title of candidate	Years with present Procuring Agency	

*Summarize professional experience over the last **10-years**, in reverse chronological order. Indicate particular technical and managerial experience relevant to the Project.*

Month/ Dates/Years		Company / Project / Position / Relevant technical and management experience
From	To	

Application Form A-5

EQUIPMENT CAPABILITIES

Page__of__Pages

<i>Name of Applicant</i>

The Applicant shall provide adequate information to demonstrate clearly that he has the capability to meet the requirements for each and all items of equipment listed in the Instructions to Applicants. A separate Form shall be prepared for each item of equipment listed in the Instructions to Applicants, or for alternative equipment proposed by the Applicant.

Item of Equipment		
Equipment information	1. Name of manufacturer	2. Model and power rating
	3. Capacity	4. Year of manufacture
Current status	5. Current location	
	6. Details of current commitments	
Source	7. Indicate source of the equipment Owned Rented Leased	

Omit the following information if it is owned by the Applicant or partner.

Owner	8. Name of owner	
	9. Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreement	Details of rental/lease specific to the Project.	

LITIGATION HISTORY

Name of Applicant or Partner of a Joint Venture

*Applicants, including each of the partners of a joint venture, should provide information on any history of litigation or arbitration resulting from contracts executed in the last **Ten (10)-years** or currently under execution (Instructions to Applicants). A separate sheet should be used for each partner of joint venture.*

Year	Award FOR or AGAINST Applicant	Name of Procuring Agency , cause of litigation, and matter in dispute	Disputed amount (current value Pak Rs. or equivalent)

LETTER OF TECHNICAL BID

&

SCHEDULES TO BID

LETTER OF TECHNICAL BID
FOR
PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM
FOR ACADEMIC BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF
RASUL, MANDI BHAUDDIN

Dated_____

To,

Director, Planning & Development
University of Rasul,
Mandi Bahauddin

Having examined the Bidding Documents including Instructions to Bidders, Conditions of Contract, Specifications, Drawings, Schedules to Bid, Schedule of Prices and Addenda Nos. for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address.....

..... and being duly incorporated under the laws of hereby offer to execute and complete such Works and remedy any defects therein in conformity with the said documents including Addenda thereto.

1. We understand that all the Schedules attached hereto form part of this Bid.
2. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of Pak Rs..... DCR No.....
Dated...../...../ Issued by Bank, Branch Name/Code... drawn in the favor **(if applicable as per contract agreement GOP)** of, or made payable to the Procuring Agency, and valid for a period **28-Days** beyond the period of validity of Bid.
3. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the whole of the Works comprised in the Contract within the time(s) stated in Preamble to the Conditions of Contract.
4. We agree to abide by this Bid for the period of **90-days** from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. We undertake, if our Bid is accepted to execute the Performance Security referred to in bidding documents for the due performance of the Contract. **(if applicable as per contract agreement GOP)**
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Works.
8. We, the firm or suppliers for any part of the Contract, do not have any conflict of interest.
9. We are not participating, as a Bidder or member of JV, in more than one bid in this bidding process.
10. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Procuring Agency. (Please delete in case of Bid from a single firm).
11. Dated this **day of** **2026**

NAME OF BIDDER_____

ADDRESS_____

SIGNATURE_____

STAMP_____

STANDARD FORMS

Standard Forms include the following:

- Form of Performance Security (Bank Guarantee)
- Form of Bank Guarantee/Bond for Advance Payment
- Integrity pact

BANK GUARANTEE
(See Clause 7)

Penal sum of bond _____
(express in words and figures)

KNOW ALL MEN BY THESE PRESENTS THAT Mr./MESSERS _____
(Name of contractor)

Whose official address is _____

As principal(s) (herein after referred to as principal) and the Bank of Punjab or scheduled Bank(s) of Pakistan (hereinafter appearing in the schedule of sureties, as sureties (hereinafter some time called the surety at the request of the principal are held and firmly bond to the Government of the Punjab acting through the Director, Planning & Development _____.

Division _____ or his successor or assigns) a body organized and existing under and by virtue of laws of the Government of the Punjab, in the penal sum of the amount stated above lawful money for the payment of which sum well and truly made we bind ourselves our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

PROVIDED THAT We, the sureties, bound ourselves in such sum jointly and severally, as well as, severally only for the purpose of allowing a joint actions against any or all of us and for all other purposes, each surety bond itself, jointly and severally with the principal for the payment of such sum only as set forth opposite its name in the following schedule:-

SCHEDULE OF SURETIES

Name of bank, branch and address	Limit of liability

The conditions of the above obligations is such that:

WHEREAS, the tender of the above bounden principal has been accepted and he has entered into a contract with the Director, Planning & Development _____

Division _____ for the work (Name of work)
_____ on the _____ day of _____ 20 _____

AND WHEREAS, under the terms of the contract Government has required the principal to furnish a performance guarantee to form a part of the contract.

NOW THEREFORE, it is agreed as follows:-

1) If the above bounden principal shall well truly and faithfully perform the contract and comply

with and fulfill all the undertakings, terms and provisions thereof, and satisfy all the obligations of the said principal arising there under, and comply with all covenants therein contained and contained in the specifications, plan and other instruments constituting a part of the contract, required to be performed by the said principal, in the manner and within the time provided in the contract or any extension thereof that may be granted by the Government with or without notice to the surety(s) and shall fully indemnify and the Government, for all costs and damages which the Government may suffer by reason of failure so to do, and shall fully reimburse and repay the said Director, Planning & Development all out-lay and expenses which may incur in making good any such default and reasonable counsel fee incurred in the prosecution of defense of any action arising out of or in connection with any such default, and shall pay all persons who have contracts directly with the principal for labour and materials; if any, in connection with the work performed under the contract or any addition in or alternation thereto, or if the contract has not otherwise been rescinded by the Government under the provisions of clause 60 if general conditions of contract, then this obligation shall be null and void and of no effect, otherwise to remain in full force and effect and virtue.

- 2) The said surety, for value received, hereby stipulate and agree that no change in or in respect of any matter or thing concerning the said contract on the part of the Government or the Engineer-in-charge, extension in time, alteration in or addition to the terms of the contract between the Government and the contractor or to the extent and nature of the work be construed, completed and maintained there under, or the specifications accompanying the same shall in any way affect its obligations to this guarantee and it does hereby waive notice of any change extension in time, alteration or addition to the terms of the contractor to the specifications.
- 3) The liability of the surety is irrevocable and shall in no case exceed the aggregate amount stated on the top of this guarantee which each surety binds itself and promise to pay the whole or any part of this amount on demand to the Director, Planning & Development without question and without reference to the principal. Provided that the notice of demand shall be given by the aforesaid Director, Planning & Development, in writing to the surety.

IN WITNESS WHEREOF, the above named principal and the surety have executed this instrument under its seal on this _____ day of 20_____.

The name and corporate seal of the surety being hereto affixed and these presents duly signed by its undersigned representatives pursuant to the authority of its Government body.

Principal (Contractor)

Address _____

Sureties 1 _____ Bank of Pakistan Ltd. Or Bank of Punjab _____ Branch

FORM OF BANK GUARANTEE/BOND FOR ADVANCE PAYMENT

Guarantee No. _____

Executed on _____

Expiry date _____

[Letter by the Guarantor to the Procuring Agency]

WHEREAS the _____ (hereinafter called the
Procuring Agency) has entered into a Contract for

(Particulars of Contract) _____, with _____ (hereinafter called the
Contractor) _____

AND WHEREAS the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rupees _____
(Rs. _____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Agency has asked the Contractor to furnish Guarantee to secure advance payment for performance of his obligations under the said Contract.

AND WHEREAS _____ (Bank)
(hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails, and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Procuring Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency to the Guarantor, and on such first written demand payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This guarantee shall expire not later than _____

by which date It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

Guarantor (Bank)

Witness:

1. _____	Signature _____
_____	Name _____
Corporate Secretary (Seal)	Title _____

2. _____

Name, Title & Address (Seal)

Corporate Guarantor

INTEGRITY PACT*[To be filled and signed by the Bidder on Judicial Stamp Paper of Rs. 100]***DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF
GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE**

Dated _____

Contract Value: Rs. _____

**Contract Title: PROVISION, INSTALLATION, AND COMMISSIONING OF
500 kW SOLAR PV SYSTEM FOR ACADEMIC BLOCKS AND
WALKWAY/PARKING SHEDS AT UNIVERSITY OF RASUL, MANDI
BAHAUDDIN**

[Name of Supplier/ Contractor / Manufacturer] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice. Without limiting the generality of the foregoing, *[Name of Supplier/ Contractor / Manufacturer]* represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

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

[Name of Supplier/ Contractor / Manufacturer] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP. Notwithstanding any rights and remedies exercised by GoP in this regard, *[Name of Supplier/ Contractor / Manufacturer]* agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by *[Name of Supplier/ Contractor / Manufacturer]* as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Buyer:

Name of Seller/Supplier:

Signature:
[Seal]Signature:
[Seal]

UNIVERSITY OF RASUL

FINANCIAL BID Part-II



PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM FOR ACADEMIC BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF RASUL, MANDI BAHAUDDIN

NAME OF FIRM					
ADDRESS					
Diary No.		DATED		RS.	
ISSUED BY					

**DIRECTOR, PLANNING & DEVELOPMENT
UNIVERSITY OF RASUL**

LETTER OF FINANCIAL BID SUBMISSION

FOR

**PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM FOR ACADEMIC
BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF RASUL, MANDI BAHAUDDIN**

Dated _____

To,

**Director, Planning & Development
University of Rasul, Mandi Bahauddin**

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Conditions of Contract, Specifications, Drawings, Schedules to Bid, Schedule of Prices and Addenda Nos. for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address..... and being duly incorporated under the laws of..... hereby offer at a total cost Rs.....to execute and complete such Works and remedy any defects therein in conformity with the said documents including Addenda thereto.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the whole of the Works comprised in the Contract within the time(s) stated in Preamble to the Conditions of Contract.
4. We agree to abide by this Bid for the period of **90-days** from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. We undertake, if our Bid is accepted to execute the Performance Security referred to in bidding documents for the due performance of the Contract. **(if applicable as per contract agreement GOP)**
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Works.
8. We, the firm or suppliers for any part of the Contract, do not have any conflict of interest.
9. We are not participating, as a Bidder or member of JV, in more than one bid in this bidding process.
10. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Procuring Agency. (Please delete in case of Bid from a single firm).
11. Dated this day of. 2026.

NAME OF BIDDER _____
ADDRESS _____
SIGNATURE _____
STAMP _____

**PROVISION, INSTALLATION, AND COMMISSIONING OF 500 kW SOLAR PV SYSTEM
FOR ACADEMIC BLOCKS AND WALKWAY/PARKING SHEDS AT UNIVERSITY OF
RASUL, MANDI BHAUDDIN
Financial Bid (Part B)**

(All pages must be signed & Stamp)

Sr.#	Description	Unit	Qty	Rate (Rupees)	Amount (Rupees)
1	<u>Solar PV Modules</u> Providing and Fixing of Solar Module Jinko /JA Canadian/Longi Solar or equivalent (Tier-1) having specification: Wafer Type: N Type Bifacial PV Panel: 610-645W or above , Cell Quality: A+ grade Manufacturing year :, 2026 Maximum Module Efficiency: 22% or above First Year Power Degradation:1% or less Product Warranty: 12 Years or more (From manufacturer), Linear output warranty: 25 years or more with complete Import documents and Original Equipment Manufacturer (OEM) of OEM Manufacturer authority certificate. Solar PV modules meeting the certifications of IEC 61730 safety qualification testing, IEC 61701- operation in corrosive atmosphere , IEC 61215- crystalline silicon PV Module qualification , string / array junction boxes IP-68, 3 bypass diode, protection class II, IEC 60439- 1, 3 , surge protection. Device:- Type 2 , DC 1000/1500V rated, PV module/string interconnection box MC4 compatible and IEC-61215 TUV - Rheinland, IEC 61730- 1 TUV – Rheinland including cost of MC4 connectors. Complete in all respect as approved by engineer Incharge	P.Watt	500,000		
2	<u>ON-Grid Inverter</u> Providing and fixing of 100-115kW IP 65 or above 3-Phase Grid Tied Inverter meeting the standard and specification of VDE-AR-N 4105 (Grid Type), VDE-0-126-1-1/AL "2012" (Grid Safety), IEC 61727 or similar (utility Interface standard for PV Power Plant 100KW), IEC 62103, 62109 and 62040 or UL 1741 (Safety of static inverters), IEC 62116 (Testing procedure of Islanding prevention methods), String Monitoring , WiFi Dongle and Data Logger for Remote Monitoring , Efficiency: 98% Peak. 80A or more current Make: Huawei/Solis/Goodwe or any approved equivalent with 5 years replacement local warranty with Original Equipment Manufacturer (OEM) of OEM Manufacturer certificate authority i.e complete in all respect as approved by engineer Incharge	Each	5		
3	<u>Distribution Board</u> Providing and fixing smart MS distribution board (100-115 KW) floor/wall mounted of 14 SWG powder coated IP class 44 having 10 No. 4 pole 25/32A 1000 volt DC breaker, (Schneider/chint or equivalent), MCCB Four phase incoming 1 no 250 A	Job	5		

	(36KV), SPDs, Digital energy analyzer , indication lights ampere & volt selector switch. Electric Panel board of required depth and size, derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb, Wiring, Netural & Earth Bar, glands, Current Transformers of specified capacity ,Door Earthing, Brass glands, bus bars, controls complete in all respects as approved and directed by the Engineer Incharge				
4	<u>Mounting Structure for 200 kW:</u> Providing and fixing of 14 Gauge, Galvanized Steel mounting structure L2/2 Panels with SS 304 Nut bolts/mid clamps/end clamps and with 150km/h wind load test complete in all respect as approved by the engineer incharge	Each	160		
5	<u>Elevated Structure for 300 kW:</u> Supply and Erection of Shed consisting of / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embedded in P:C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge. (i) 4" dia GI Pipe Supports <i>Note: Using 630 W solar panels having approximate dimensions 7.81 ft × 3.72 ft (≈29.05 sq. ft. each), for a 300 kW system (477 panels), the total panel area comes to ≈13,857 sq. ft. (panel area only).</i>	P. Sft	13857		
6	<u>DC Cable (For PV Connections)</u> Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaidd G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-) 6 mm sq (7/0.044")	P.Rft	16,000		
7	<u>AC Cable</u> Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for PVC insulated, PVC sheathed Four core, 600/1000 volt non armoured cable:- 70 mm sq (19/0.083"))	P.Rft	750		
8	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, 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 @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. (ii) 9"x4" (For AC/DC Cables)	P.Rft	300		
9	Providing and fixing 2" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage ,size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and	P.Rft	1,000		

	directed by the Engineer Incharge. (i) 4"x 2" (For DC Cable)				
10	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- 450/750 volts, PVC insulated: 25 mm sq (19/0.052") (For AC Earthing)	P.Rft	600		
11	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- 7/1.12 mm (7/0.044") (Panel to Panel Earthing)	P.Rft	1500		
12	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:- 25 mm i/d	P.Rft	500		
13	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:-) 80 mm i/d	P.Rft	500		
14	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge 24" Sweep dia	Each	5		
15	Providing, making & testing/commissioning of Bore type earthing point by drilling 3" dia bore hole up to water table/moist soil by laying 2"dia perforated GL.pipe (Medium Quality) fixed with 40mm dia and 250 mm long tinned copper spike at bottom , i/c the cost of Tinned earth test link Providing, making & testing/commissioning of Bore type earthing point copper plate (300x50x10mm), brass nuts, spacers,bolts washers lugs etc. excluding the cost of copper strand & manhole. as approved and directed by Engineer Incharge (Bore Type Earthing) (Note: 03 bore earthing points per 100 kW, each with minimum 40 ft depth)	P.Rft	600		
16	Supply, installation, testing and commissioning of bare copper conductor for Earthing/ Grounding System 50 mm² CU bare conductor	P.Rft	60		
17	Supply and erection of lightning arrestor horn type, complete	Each	10		
18	Control Room Safety Fire Extinguisher (Control Room for safety) Providing of Portable CO ₂ Fire Extinguisher- 5-kg (with hanging brackets and mounting arrangements)	Each	10		
19	Net Metering Providing and fixing Reverse Meter including cost of design,Load flow study , NEPRA fees , Meter charges , Wapda charges and approved by relevant regulatory authorities i.e. NTDC, NEPRA etc complete in all respect (500kW System)	P.Watt	500,000		
20	Civil Works for 200 kW Providing / fixing pre cast Concrete Block having size of 1' x 1' x 1' consisting of PCC (1: 1-1/2 :3), i/c shifting on roof complete in all respect and as per drawing and design approved by Engineer Incharge	Cft	640		

21	HRC Isolator Providing and fixing of 400-Amp HRC Isolator complete in all respect as approved by the engineer incharge	Each	5		
22	Providing and fixing of LT TOU Meter complete in all respect as approved by the engineer incharge	Each	5		
Sub Total (In words and figures)					
Add 5% PRA					
Grand Total (In words and figures)					

Note:

1. All taxes applicable as per Government Policy.
2. Government of the Punjab Contract Agreement (updated) will be applicable.
3. Overall Lowest Bidder will be awarded contract with mentioned terms and conditions. No item wise rates will be accepted.
4. Estimated cost without PRA Rs. **58,175,908** Estimated cost with 5% PRA Rs. 61,084,599
5. In case of any dispute in rates committee decision will be final.

Sign and stamp of Bidder

(Sign every page of bid)

**DESIGN OF ELECTRICAL, MECHANICAL & CIVIL WORKS INCLUDING SLD, ROOFTOP AND SHED
INSTALLATION DESIGN/DRAWINGS, AND LIGHTNING ARRESTOR SYSTEM DESIGN**

Please attach here

GENERAL CONDITIONS OF CONTRACT

1. Definitions	Clause	Description
	1.1	In this Contract, the following terms shall be interpreted as indicated:
	a)	“Procuring Agency” means University of Rasul.
	b)	“Contractor” means the successful Bidder responsible for execution of Solar EPC Works.
	c)	“Contract” means the agreement entered into between the Procuring Agency and the Contractor.
	d)	“Project” means Provision, Installation, and Commissioning of 500 kW Solar PV System for Academic Blocks and Walkway/Parking Sheds
	e)	“Goods” means Solar Panels, Inverters, Structures, Cables and all associated equipment.
	f)	“Services” means design, supply, installation, testing, and commissioning and O&M services of solar system.
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	3.1	All equipment and services supplied under the contract shall have their origin in eligible countries.
4. Standards	4.1	The Solar PV System supplied under this Contract shall conform to IEC, IEEE, AEDB, NEPRA and WAPDA standards.
	4.2	Equipment must comply with specifications provided in Technical Specifications.
5. Use of Contract Documents and Information	5.1	The Contractor shall not disclose the Contract or any provision thereof without prior written consent of the Procuring Agency.
	5.2	The Contractor shall permit the Procuring Agency to inspect records relating to performance of the Contract.
6. Patent Rights	6.1	The Contractor shall indemnify the Procuring Agency against all claims of patent infringement.
7. Performance Guarantee	7.1	Within seven (07) days of receipt of letter of intent / notification of contract award, the successful Bidder shall furnish to the Procuring Agency the performance guarantee in the amount specified in SCC/BDS and 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 Contractor’s failure to complete its obligations under the Contract.
	7.3	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 Pakistan, in the form provided in the Bidding Documents or another form acceptable to the Procuring Agency; or
	(b)	A bank guarantee or bank call-deposit receipt (CDR);
	(c)	In case of expiry of the performance guarantee, the Contractor shall renew the performance guarantee to remain valid for the warranty period, if required by the Procuring Agency.
	7.4	The performance guarantee shall be discharged by the Procuring Agency and returned to the Contractor not later than thirty (30) days following the date of completion of the Contractor’s performance obligations under the Contract, including any warranty obligations, unless otherwise specified in SCC.
8. Inspections Tests and Training	8.1	The Procuring Agency shall have the right to inspect and test the equipment at site or manufacturer premises.
	8.2	The Contractor shall provide training to staff for operation and maintenance of solar system.
9. Packing	9.1	The Contractor shall provide proper packing of solar equipment to prevent damage during transit.

10. Delivery and Documents	10.1	Delivery shall include supply, installation, testing and commissioning of solar system.
	10.2	Contractor shall provide manuals, drawings, certificates and approvals including net metering.
11. Insurance	11.1	The Contractor shall insure the equipment against loss or damage during transportation and installation.
12. Transportation	12.1	Transportation of solar equipment to site shall be responsibility of Contractor.
13. Incidental Services	13.1	The Contractor shall be required to provide all incidental services necessary for the successful execution, operation, and maintenance of the Solar PV System, including but not limited to the following:
	a)	Complete design, engineering, supply, installation, testing, commissioning, and start-up of the Solar PV System at site, including synchronization with grid (if applicable).
	b)	Provision of all required tools, tackles, testing instruments, safety equipment, and consumables necessary for installation, commissioning, and maintenance of the solar system.
	c)	Preparation and submission of detailed Operation & Maintenance (O&M) Manuals, As-Built Drawings, System Layouts, Single Line Diagrams (SLD), and technical documentation in English.
	d)	Provision of operation, routine maintenance, troubleshooting, and repair services during the Defect Liability Period (DLP) / O&M period as agreed in the Contract, without relieving the Contractor of warranty obligations.
	e)	Installation and configuration of monitoring system (web-based / remote monitoring) for real-time performance tracking of the Solar PV System.
	f)	Assistance in obtaining all necessary approvals, permits, and certifications including Net Metering approval from relevant authorities (e.g., DISCO/NEPRA), if applicable.
	g)	Provision of comprehensive on-site training to the University of Rasul staff on system operation, monitoring, routine maintenance, safety procedures, and basic troubleshooting, free of cost.
	h)	Provision of preventive and corrective maintenance services, including periodic inspections and performance verification of the Solar PV System.
	13.2	Prices charged by the Contractor for incidental services shall be deemed to be included in the Contract Price and shall not be paid separately. Such prices shall not exceed:
	i)	The prevailing market rates charged by the Contractor for similar solar EPC and O&M services; and
	ii)	The proportionate cost relative to the supplied Solar PV System components and services.
14. Spare Parts	14.1	The Contractor shall ensure availability of spare parts for solar system operation.
15. Warranty / Guarantee	15.1	Solar panels shall carry minimum 25 years performance warranty.
	15.2	Inverters shall carry minimum 5 years warranty.
16. Payment	16.1	The method and conditions of payment to be made to the Contractor under this Contract shall be specified in the Special Conditions of Contract (SCC) and shall be linked with defined project milestones of the Solar EPC Works.
	16.2	The Contractor shall submit payment requests in writing, accompanied by invoices clearly describing the works executed, including supply, installation, testing, and commissioning of the Solar PV System, along with all supporting documents as required under SCC and Contract provisions.
	16.3	Payments shall be made in accordance with Rule 62 of Punjab Procurement Rules (PPR-2014). The Procuring Agency shall ensure prompt payment, but in no case later than thirty (30) days after submission of complete invoice along with all required documents, subject to satisfactory completion of the respective milestone.

	16.4	Payments shall be made strictly against verified progress of work and certification by the Engineer / Consultant / Director, Planning & Development (as applicable).
	16.5	The currency of payment under this Contract shall be Pakistani Rupees (PKR).
17. Prices	17.1	Prices shall be fixed and inclusive of all taxes, duties, installation and commissioning charges.
18. Change Orders	18.1	The Procuring Agency may at any time order changes within general scope of the contract.
19. Contract Amendments	19.1	No variation shall be made except by written amendment signed by both parties.
20. Assignment	20.1	Contractor shall not assign the contract without written consent.
21. Subcontracts	21.1	Subcontracting shall not relieve Contractor from responsibility of contract obligations.
22. Delays in Contractor's Performance	22.1	The Contractor shall execute and complete the supply, installation, testing, and commissioning of the Solar PV System in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements and Contract Agreement.
	22.2	If at any time during execution of the Contract, the Contractor encounters conditions that may impede timely completion of the Solar EPC Works, the Contractor shall promptly notify the Procuring Agency in writing, stating the nature of the delay, its likely duration, and the cause(s). Upon receipt of such notice, the Procuring Agency shall evaluate the situation and may grant an extension of time, if justified, with or without imposition of liquidated damages. Any such extension shall be formalized through a written amendment to the Contract.
	22.3	Except in cases covered under Force Majeure (GCC Clause 25), any delay in completion of the Solar PV System attributable to the Contractor shall make the Contractor liable for liquidated damages in accordance with GCC Clause 23, unless an extension of time has been granted without penalty under Clause 22.2.
23. Liquidated Damages	23.1	Subject to Clause 25 (Force Majeure), if the Contractor fails to complete the supply, installation, testing, and commissioning of the Solar PV System, or any part thereof, within the time period 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 the Special Conditions of Contract (SCC) of the value of delayed works. Such liquidated damages shall be calculated on a daily or weekly basis (as defined in SCC) for the period of delay until actual completion of the Solar EPC Works. The total amount of liquidated damages shall not exceed the maximum percentage specified in SCC, after which the Procuring Agency may initiate actions including termination of the Contract in accordance with GCC Clause 24, along with other remedies available under Punjab Procurement Rules (PPR-2014).
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 Contractor, may terminate this Contract in whole or in part:
	a)	If the Contractor fails to complete the supply, installation, testing, and commissioning of the Solar PV System within the period(s) specified in the Contract or any extension granted under GCC Clause 22; or
	b)	If the Contractor fails to perform any other obligation(s) under the Contract, including O&M, performance requirements, or compliance with technical specifications; or
	c)	If the Contractor, in the judgment of the Procuring Agency, has engaged in corrupt, fraudulent, coercive, collusive, or obstructive practices in competing for or executing the Contract, as defined under Section 2(d) of the PPRA Act, 2009.

		For the purpose of this clause, such practices shall include, but are not limited to:
	i)	Coercive practices: impairing or harming, or threatening to impair or harm, directly or indirectly, any party or property to influence actions for wrongful gain or to cause wrongful loss.
	ii)	Collusive practices: arrangements between two or more parties designed to establish prices at artificial, non-competitive levels.
	iii)	Corrupt practices: offering, giving, receiving, or soliciting anything of value to influence the acts of another party for wrongful gain.
	iv)	Fraudulent practices: misrepresentation or omission of facts to obtain financial or other benefits or to avoid obligations.
	v)	Obstructive practices: acts intended to impede investigation, including destruction or falsification of evidence, or intimidation of involved parties.
	d)	If the Contractor fails to place confirmed orders with manufacturers/suppliers (where applicable, including imported solar equipment) within fifteen (15) days of issuance of Purchase Order and fails to provide evidence thereof, if required by the Procuring Agency.
		Upon occurrence of any of the above events, the Performance Guarantee may be forfeited in full or in part, as determined by the Procuring Agency.
	24.2	In the event the Procuring Agency terminates the Contract in whole or in part pursuant to Clause 24.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, works, goods, or services similar to those not completed, and the Contractor shall be liable for any excess costs incurred by the Procuring Agency.
25. Force Majeure		However, the Contractor shall continue performance of the Contract to the extent not terminated.
	25.1	Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Contractor shall not be liable for forfeiture of Performance Guarantee, imposition of liquidated damages, or termination for default, if and to the extent that delay in performance or failure to perform obligations under the Contract is caused by an event of Force Majeure.
	25.2	Force Majeure shall include, but not be limited to, acts of God, natural disasters (such as earthquakes, floods, storms), war, civil unrest, terrorism, strikes, lockouts, epidemics, pandemics, quarantine restrictions, government actions, freight embargoes, or any other events beyond the reasonable control of the Contractor.
	25.3	If a Force Majeure situation arises, the Contractor shall promptly notify the Procuring Agency in writing, stating the nature of the event, its expected duration, and its impact on performance. The Procuring Agency may constitute a committee to examine the circumstances and evaluate possible alternatives for continuation or completion of the Solar EPC Works, and submit recommendations to the competent authority. Unless otherwise directed by the Procuring Agency in writing, the Contractor shall continue to perform its obligations to the extent reasonably practicable and shall make all reasonable efforts to mitigate the impact of the Force Majeure event.
26. Termination for Insolvency	25.4	The Procuring Agency may grant extension in the completion period due to Force Majeure, with or without imposition of penalty, as deemed appropriate based on the circumstances of the case.
	26.1	The Procuring Agency may, at any time, terminate the Contract by giving written notice to the Contractor if the Contractor becomes bankrupt, insolvent, or enters into liquidation, whether compulsory or voluntary, or makes an assignment for the benefit of creditors. In such an event, termination shall be effected without any liability or compensation to the Contractor. However, such termination shall not prejudice or affect any rights, claims, or remedies which have accrued or may accrue thereafter to the Procuring Agency under the Contract or applicable laws.

27. Termination for Convenience	27.1	The Procuring Agency may, by written notice to the Contractor, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify the extent to which performance of the Contractor under the Contract is terminated and the effective date of such termination.
	27.2	Upon receipt of the notice of termination, the Contractor shall immediately take steps to bring the Solar EPC Works to an orderly stop and minimize further expenditures.
		The Procuring Agency shall pay the Contractor for:
	a)	All completed works, including supply, installation, testing, and commissioning of the Solar PV System (or part thereof), accepted in accordance with the Contract terms and prices.
	b)	Any portion of the Solar EPC Works that is in progress and reasonably completed up to the date of termination, at mutually agreed rates.
	c)	Reasonable cost of materials, equipment, and components (including solar panels, inverters, structures, etc.) already procured or committed for the Project prior to termination. For the remaining unexecuted portion of the Contract, the Procuring Agency may cancel the same without any further liability, except for payments due as stated above.
28. Arbitration and Resolution of Disputes	28.1	The Procuring Agency and the Contractor 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.
		If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Contractor 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 as agreed, and/or arbitration as per Rule 68 of PPR-2014 and in accordance with the Arbitration Act, 1940.
29. Governing Language	29.1	Contract language shall be English.
30. Applicable Law	30.1	Contract shall be governed under Punjab Procurement Rules 2014.
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 e-mail and confirmed in writing to the other party's address specified in SCC.
32. Taxes and Duties	32.1	The Contractor shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency. In case of imposition of new taxes/duties or concession thereof after the deadline for submission of bids, the effect thereof shall be borne or availed by the Procuring Agency, as the case may be.

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. Definitions (GCC Clause 1)	Clause	Description
	—	The following terms shall be interpreted as indicated:
	a)	The “Procuring Agency” shall mean University of Rasul acting through the Director, Planning & Development.
	b)	The “Contractor” shall mean the Bidder whose bid has been accepted and who is responsible for design, engineering, procurement, supply, installation, testing, commissioning and maintenance of the Solar PV System.
	c)	The “Project” shall mean Provision, Installation, and Commissioning of 500 kW Solar PV System for Academic Blocks and Walkway/Parking Sheds.
	d)	The “Engineer Incharge” shall mean the authorized representative of the Procuring Agency responsible for supervision of the project.

2. Country of Origin (GCC Clause 3)	—	All plant, equipment, materials and services supplied under this Contract shall originate from eligible countries in accordance with the policies of the Government of Pakistan.
3. Performance Guarantee (GCC Clause 7)	3.1	GCC 7.1: As per Rule 56 of PPR-2014, the amount of Performance Guarantee, as a percentage of the Contract Price, shall be 10% (Ten percent) in the shape of a non-recourse, irrevocable, and unconditional bank guarantee or any form as per GCC Clause 7, issued by a scheduled bank of Pakistan, on the prescribed format attached with the bidding document. GCC 7.4: The Performance Guarantee shall be valid until completion of the Contractor's obligations or defect liability period in accordance with GCC Clause 15.2.
4. Inspections, Tests and Training (GCC Clause 8)	i)	GCC 8: Pre-delivery and/or post-delivery inspection shall be arranged at the Project Site or any other location as desired by the Procuring Agency. The acceptance parameters shall be as follows: 1. Conformity with the contractual specifications of the Solar PV system and associated equipment. 2. Satisfactory performance of functional tests of the equipment/system. 3. Preparation of proper test reports, including functional compliance and physical verification of the equipment, wherever applicable.
	ii)	All inspection and testing shall be conducted in accordance with IEC, IEEE, AEDB, NEPRA and WAPDA standards.
	iii)	The Contractor shall provide all necessary assistance, including access to drawings and production data, at no additional cost.
	iv)	The Contractor shall arrange comprehensive training sessions for designated staff of the Procuring Agency regarding operation, maintenance, troubleshooting and monitoring of the Solar PV System.
	v)	Final acceptance shall be subject to successful commissioning, performance verification and approval by the Engineer Incharge.
5. Packing (GCC Clause 9)	i)	The Contractor shall provide such packing of the equipment as is required to prevent damage or deterioration during transit to their final destination.
	ii)	Packing shall be sufficient to withstand rough handling, exposure to extreme temperatures and precipitation during transit and storage.
6. Delivery and Documents (GCC Clause 10)	6.1	After satisfactory inspection, the Contractor shall provide the following documents to the Procuring Agency: (i) Original warranty documents (in duplicate) showing item description, make, model, quantity, unit price, total amount, as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable); (ii) Original copies of Sales Tax Invoices (where applicable) in duplicate showing item description, quantity, per unit cost (without GST), amount of GST, and total amount (with GST);
	6.2	After satisfactory inspection, the Contractor shall provide the following documents to the Procuring Agency: (i) Original warranty documents (in duplicate) showing item description, make, model, quantity, unit price, total amount, as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable); (ii) Original copies of Sales Tax Invoices (where applicable) in duplicate showing item description, quantity, per unit cost (without GST), amount of GST, and total amount (with GST); (iii) Inspection certificate (where applicable) issued by the Procuring Agency's nominated inspection agency.
	i)	Delivery shall include complete EPC scope, including supply, installation, testing and commissioning of the Solar PV System.
	ii)	The Contractor shall submit the following documents: Manufacturer's test certificates, Warranty certificates, Operation & Maintenance manuals, As-built drawings and system layout, Net Metering approvals from DISCO / NEPRA.
	iii)	The Contractor shall ensure timely completion within the stipulated period as defined in the Contract.

7. Insurance (GCC Clause 11)	i)	The Goods supplied under the Contract shall be Delivered Duty Paid (DDP), under which risk is transferred to the Procuring Agency after delivery. Hence, the Contractor shall arrange appropriate insurance coverage.
8. Incidental Services (GCC Clause 13)	8.1	GCC 13.1: Incidental services to be provided are as follows:
	a)	Regarding maintenance and operation of the Solar PV System.
	b)	For one (01) year, without extra cost, starting from final acceptance of the Solar PV System.
	c)	Furnishing of a detailed operations and maintenance manual in English for each appropriate unit of the Solar PV System, without extra cost, in both soft and hard copy.
9. Spare Parts (GCC Clause 14)	—	GCC 14: The Contractor shall carry sufficient inventories to assure ex-stock supply of consumable spare parts for the Solar PV System. Other spare parts and components shall be supplied as promptly as possible, but in any case, within seven (7) days for local items and within two (2) months for imported items. The Contractor shall ensure availability of spare parts for at least five (5) years after commissioning of the project.
10. Warranty (GCC Clause 15)	10.1	GCC 15: In accordance with the provisions, the successful Bidder shall provide on-site comprehensive replacement warranty / maintenance services (parts and labor warranty, etc.) for a period of one (01) year commencing from the date of Final Acceptance of the Solar PV System. The Contractor shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract.
		If, for reasons attributable to the Contractor, these guarantees are not attained in whole or in part, the Contractor shall, at its discretion:
	(a)	Make such changes, modifications, and/or additions to the Solar PV System or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense, and carry out further performance tests in accordance with SCC 4;
	(b)	Pay liquidated damages to the Procuring Agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 03% of the late delivered items per month;
	(c)	Replace the whole unit at site, including transportation, installation, testing, and commissioning, in case of major defect, at its own cost. The period for correction of defects during the warranty period shall be seven (7) days for local items and two (02) months for imported items.
	i)	The Contractor warrants that the equipment supplied under the Contract is new, unused, and incorporates all recent improvements in design and materials.
	ii)	The warranty period shall be as follows: Solar Panels: minimum twenty-five (25) years performance warranty; Inverters: minimum five (05) years replacement warranty; Complete System: minimum one (01) year workmanship warranty.
	iii)	The Contractor shall replace or repair defective equipment during the warranty period at no additional cost.
11. Sample Provision	—	Where required, the Contractor shall provide samples of equipment or components for approval prior to bulk supply.
12. Payment (GCC Clause 16)	12.1	GCC 16: The method and conditions of payment to be made to the Contractor under this Contract shall be as follows:
	a)	Payment in Pak Rupees shall be made through cross cheque for the supplied items. The Contractor shall submit a CDR of 5% of the value of the Solar PV System requiring installation and commissioning. This CDR shall be released after provision of the commissioning certificate by the Contractor, duly countersigned by the Inspection Committee. The Contractor shall provide all necessary supporting documents along with the invoice for payment.
	i)	Payment shall be made in accordance with the terms and conditions specified in the Contract Agreement.
	ii)	Payments may be made on milestone basis including supply of equipment, installation completion, commissioning and testing, and final acceptance.

	iii)	No payment shall be made unless the work is verified and certified by the Engineer Incharge.
13. Prices (GCC Clause 17)	i)	Prices charged by the Contractor shall be fixed and shall not be subject to variation. However, payment shall be made on the basis of actual quantities executed and measured at site. In case the quantity of items such as cables, structures or associated works is less than the quantities specified, the corresponding amount shall be deducted on pro-rata basis from the Contract Price.
	ii)	The Contract Price shall be inclusive of all taxes, duties, transportation, installation and commissioning charges.
14. Liquidated Damages (GCC Clause 23)	14.1	GCC 23.1: Applicable rate: 3% per month of late delivered Solar PV System / works.
	(a)	In case deliveries are not completed within the time frame specified in the Schedule of Requirements / Contract, a notice will be served on the Contractor, which will be followed by imposition of liquidated damages, and the Procuring Agency may terminate the Contract to the extent of the undelivered portion of the Solar PV System.
	(b)	Once the cumulative amount of liquidated damages reaches ten percent (10%) of the undelivered quantity, the Procuring Agency may rescind the Contract, without prejudice to other remedies available to it.
	(c)	If the Contractor fails to complete the supply of the Solar PV System, the amount of Performance Bank Guarantee to the extent of the undelivered portion may be forfeited.
	(d)	Liquidated damages shall also be applicable for any delay by the Contractor in installation, testing, and commissioning of the Solar PV System, if the site is ready for that purpose.
	(e)	If the Contractor fails to complete the installation of the Solar PV System, the amount of Performance Bank Guarantee to the extent of the uninstalled portion may be forfeited.
	(f)	If the Contractor fails to supply the whole of the Solar PV System, the entire amount of the Performance Bank Guarantee may be forfeited.
15. Resolution of Disputes (GCC Clause 28)	i)	The dispute resolution mechanism to be applied pursuant to GCC Clause 28 shall be as follows: As per Rule 68 of PPR-2014, in the case of a dispute between the Procuring Agency and the Contractor, the dispute shall be referred to arbitration in accordance with the Pakistan Arbitration Act, 1940.
16. Governing Language (GCC Clause 29)	—	The Contract shall be written in English language.
17. Applicable Law (GCC Clause 30)	—	GCC 30.1: The Contract shall be interpreted in accordance with the laws applicable in the jurisdiction of the Province of Punjab (Pakistan), which includes the following legislation: a) The Contract Act, 1872 b) The Arbitration Act, 1940.
18. Change of Model	i)	In case of discontinuation or end of manufacturing of the quoted model at the time of delivery, the latest / upgraded model of the same brand fulfilling all specifications of the quoted model may be accepted on the recommendations of the relevant technical expert(s), with the approval of the Work Committee.
	ii)	However, the Contractor shall provide all necessary documentary evidence regarding discontinuation of the quoted model for the satisfaction of the Procuring Agency / Committee.
19. Notices (GCC Clause 31)	i)	Any notice given by one party to the other shall be sent in writing to the address specified in the Contract.
		GCC 31: Office of the Director, Planning & Development, University of Rasul, 13 km Sarai Alamgir Road, Mandi Bahauddin. Tel: 0546-553216, 0546-553354.
	ii)	Notices shall be deemed effective upon receipt.

