



NAME OF BIDDER: \_\_\_\_\_

RFP DOCUMENT / TENDER DOCUMENT

**HIRING OF FIRMS / COMPANIES / CONTRACTORS**

**FOR**

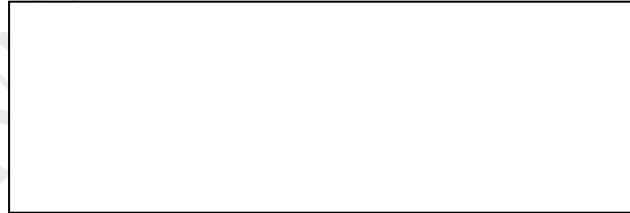
**“SOLARIZATION OF SBK WOMEN’S UNIVERSITY QUETTA PHASE-1”**

**TOKEN TENDER FOR WORK**

I / We agree to purchase tender documents furnished for this work / supply on the terms and conditions imposed by the Government and Sbk Women's University, Quetta, given in this document.

Details of our firms are as below:

1. Name of Firm: \_\_\_\_\_
2. Addresses of Firm: \_\_\_\_\_
3. Earnest Money Deposited of Rs.: \_\_\_\_\_
4. Earnest Money No. and Bank: \_\_\_\_\_
5. Name of the person responsible: \_\_\_\_\_
6. Authorized Signature of firm/company: \_\_\_\_\_
7. Seal of the firm/company: \_\_\_\_\_



**OFFICE USE**

Issued to M/s \_\_\_\_\_

On payment of Rs. \_\_\_\_\_

Date of issue: \_\_\_\_\_

Office Assistant

## **1 SPECIAL INSTRUCTION**

1. This document has been prepared, based on the workings carried out for the requirements and needs of the Procuring Agency, observing PPRA Rules 2004. Any grievance / accusation/ suggestion (if so) refraining the responding agency from bidding, without prior consultation with the Procuring Agency would be an approach of misleading and/or misappropriation towards Procuring Agency.
2. Any conditional, partial, ambiguous, or incomplete offer in any respect shall be ignored. No supplementary or revised offer after the opening of tenders shall be entertained.
3. Any erasing, cutting, crossing etc., appearing in the offer must be properly signed and stamped by the person signing the tender. Moreover, all pages of the tender must also be properly signed and stamped. Offers with any overwriting shall under no circumstances be accepted.
4. Joint ventures of firms are not allowed to participate in keeping nature of works. Firms with a strong technical background can apply in single form.
5. At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, may modify the Bidding Documents by amendment.
6. The interested firm(s) shall inform the Procuring Agency in writing (through mail/courier and electronic mail on the email given in advertisement) instantly on acquiring/downloading bidding document, so that bidders be informed in case of any change/amendment(s) made in the bidding document.
7. The responding organization must respond as per Terms of Reference (TOR).
8. A Bidder is not allowed to bid for selective items / stations from the provided BOQ. A Bidder shall apply for the complete stations with the items. Partial items BID will not be entertained.
9. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or to submit a bid not substantially responsive to the Bidding Documents in every respect shall be at the Bidder's risk and may result in the rejection of its bid.
10. Any tampering, illegitimate inclusion or exclusion in any part of the Standard Bidding Documents shall lead to disqualification of the bidder. However, offers other than given in documents should be given on separate sheets.
11. The Procuring Agency may, in its discretion, extend the prescribed deadline for the submission of bids by amending the bidding documents in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
12. The Procuring Agency reserves the right at the time of award of Contract to increase or decrease, the quantity of goods originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
13. Any effort by a Bidder to influence the Procuring Agency in its decisions on bid evaluation, bid

comparison, or Contract award may result in the rejection of the Bidder's bid. Canvassing by any Bidder at any stage of the bid evaluation is strictly prohibited. Any infringement shall lead to disqualification.

14. The Bidder whose bid is found to be most closely conforming to the Evaluation Criteria prescribed in Bidding Document and having the lowest evaluated responsive bid, if not in conflict with any other law, rules, regulations or policy of the Government, shall be awarded the Contract, within the original or extended period of bid validity and shall be sent the Contract Agreement Form incorporating all agreements between the Parties.
15. Within one week of receipt of the Contract Agreement Form, the successful Bidder and the Purchaser shall sign the Contract in accordance with the legal requirements in vogue.
16. If the successful Bidder, after completion of all codal formalities shows an inability to sign the Contract then its Bid Security shall stand forfeited and the firm may be blacklisted and de-barred from future participation, whether temporarily or permanently. In such situation the Purchaser may award the contract to the next lowest evaluated Bidder or call for new bids.
17. The Contract shall become effective upon affixation of signature of the Purchaser and the selected Bidder on the Contract document and shall be governed for the period specified in the Bid Data Sheet and by the terms and conditions mutually agreed in the contract.
18. On the date of signing of Contract, the successful Bidder shall furnish a Performance Guarantee for a percentage amount (10% of the total items quoted price) as specified in the Bid Data Sheet (BDS), on the Form and in the manner prescribed by the Procuring Agency.
19. The Bid Security submitted by the bidder at the time of submitting its bid shall be returned to the Bidder upon submission of Performance Guarantee.
20. Failure to provide a Performance Guarantee by the Bidder is sufficient ground for annulment of the award and forfeiture of Bid Security. In such event the Procuring Agency may award the contract to the next lowest evaluated bid or call for new bid.
21. Before commencing supplies, the Supplier shall provide samples of specified items free of cost, if and as specified in the Schedule of Requirements of the product to the designated office or staff, as the case may be.
22. Bidding is open to all firms and consortiums meeting the following requirements as.
  - i. The contractor duly licensed updated registration by the Pakistan Engineering Council (PEC) on Category-C4 or above in the categories with provisions of specialized in EE-03, EE04, EE-09, EE-11 (i SOLAR), CE-10 (Civil), ME-07.

## 2. GENERAL CONDITIONS

1. PEC Guidelines / PPRA rules will be followed in all respects throughout the process.
2. Conditional/incomplete/overwritten bid will not be entertained and rejected.
3. The prices quoted must be valid for at least Ninety (90) days from the date of tender opening for the evaluation of tender.
4. The successful bidder will be required to complete the work within Ninety (90) days that agreed mutually that starting from the date of agreement signed.
5. The work will be done to the complete satisfaction of the DIRECTOR TECHNICAL & ENGINEERING as well as the authorized Engineer by the University, whose judgment with regard to quality of the material and workmanship will be final and binding. In case the contractor fails to complete the work in the stipulated time, the University shall be free to award the balance incomplete work to another contractor at his risk and cost.
6. Telephonic/telexed/faxed/telegraphic quotations will not be entertained.
7. Refurbished, Grey smuggled, or international warranty products will not be accepted in any case.
8. University will verify the serial numbers of the supplied items with its manufacturer and if found ambiguous, will be returned at supplier own cost.
9. Any product inferior to the given specification / University requirement shall be disqualified straight away.
10. Compliance sheet must be provided by the bidder along with the quotation.
11. University shall only accept the branded equipment imported through proper channel.
12. If provided documents / evidence found faked at any stage will lead toward termination / forfeiture of Bid security along with blacklisting of firm as per PPRA Rules.

## 2. SCOPE OF SUPPLY

The bidder(s) are required to provide the complete solar system including Net Metering in accordance with specification/rules and ensure also complete installation of all system. The University may increase or decrease scope / quantity as per requirement. Initially, the offered rates taken for given kilo watts.

## 3. BIDS PROPOSAL

The bid should comprise a single package containing two separate envelopes. Each envelop should contain separately the financial proposal and technical proposal. The envelopes shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold letters.

Initially the technical proposal will be opened whereas the financial proposal will be retained in the custody without being opened.

The committee will evaluate the technical proposals. The Technical proposal not confirming to the requirements of the document will be rejected, the financial proposal of bids found technically non-responsive will be returned un-opened to the respective bidders. Financial proposals of the technically responsive bids will be opened publicly at the time, date and venue which will be communicated well in time to the respective bidders.

The above stated standard evaluation criteria will be binding upon the bidders and will have no liability, on the University.

#### **4. BID PRICE**

The bidder shall indicate in his / her offer, list of items with prescribed specifications, the unit price and total bid prices of the items. Taxes levied by the Government, if any, shall be recoverable from the bidder as per rules. Total price must be inclusive of all taxes including Provincial Taxes, installation and all other charges etc. Any separate payment in any head will not be entertained for payment.

#### **5. CURRENCY OF BID**

The Price should be quoted in Pakistani Rupees.

#### **6. BID VALIDITY**

The bid should remain valid and open for acceptance of purchase for 90 days from the date of opening of bids. Bids validity will be extended as per PPRA rules provision if required.

#### **7. RETENTION MONEY**

Ten percent (10%) of the entire amount payable to the Contractor shall be deducted from each bill and retained by the University by way of Security Deposit. 100 % and the total retention money shall be released to the Contractor upon successful completion of Twelve Months (12 Months) beginning on the date of issuance of completion certificate issued by DIRECTOR TECHNICAL & ENGINEERING. However, supplier shall be bound for the satisfactory performance of all installed equipment up to the entire warranty periods of each product and shall provide affidavit before applying for release of withheld retention money / security.

## 8. SIGNING OF BIDS

The person signing the bid shall sign and stamp all the pages of the bid, where entries are made.

## 9. DEADLINE FOR SUBMISSION OF BIDS

1. You are invited to submit a Comprehensive Technical Proposal in English (Original + one Copy) and Financial Proposal (Original) in Separate Sealed Envelopes, for the services required under the terms of reference (TORs) Latest by **August 29, 2025(Friday) till 14:00**
2. The Sealed Request for Proposal (RFP) duly completed and addressed to the **Director, (Technical & Engineering Department), Sardar Bahadur Khan Women's University, Brewery Road, Quetta** will be received on or before **August 29, 2025(Friday) till 14:00 will be open at 15:00 on same day. The Technical Proposals, accompanied by Bid Security (2%) and the bank challan/Demand draft of tender fee Rs.10,000/-(non-refundable) in favour of Sbk Women's University NBP, BMC branch account No.3-9.**
3. RFP/Tender Documents can be downloaded from the PPRA's websites [www.ppra.pk](http://www.ppra.pk) and University's Website [www.sbkwu.edu.pk](http://www.sbkwu.edu.pk).
4. The scope of work may vary as per requirements and financial status of the University.
5. In case of official holiday on the day of submission, the next day will be treated as closing and opening date (if any).

Note: -Any additional information the applicant may like to be furnished to support the document. After the evolution and approval of the technical proposals the report will be uploaded on University's website the financial proposal will be open publicly by the University development committee.

## 10. LATE BIDS

Any bid received in the university after the prescribed deadline shall not be entertained as per PPRA rule 28-(2). Bids should be delivered by registered Courier or by hand only on the submission time.

## 11. BID SECURITY

### 11.1

The bidder shall furnish a bid security/ earnest money equivalent to 02 % (Two Percent) of the total value of bid in the form of a Call Deposit / Demand Draft in favor of **DIRECTOR TECHNICAL & ENGINEERING**, Sbk Women's University, Quetta. Any bid not accompanied by an acceptable bid security shall stand liable to be rejected by the University as non-responsive. The bid securities / earnest money of the unsuccessful bidder will be returned upon submission of performance bond by the

successful bidder or after equal or more amount of security retained amount from the bill of contractor.

#### 11.2

The bid security of the successful bidder will be returned only when the bidder furnish 10% Performance guarantee (Mandatory) in the form of a Call Deposit / Demand Draft only.

#### 11.3

The bid security / earnest money may be forfeited / confiscated:

- i. If a bidder withdraws his bid during the period of bid validity.
- ii. If the bidder does not accept the correction of his bid price.
- iii. In the case of a successful bidder, if he fails to furnish the required performance security or failed to supply / install / test / successful operation the required Solar System as per technical specifications.
- iv. If the bidder fails to fulfill the mandatory requirements upon which he has given certificates / affidavits etc.

### 12. LOSS OR DAMAGES

University shall not be involved in any case if a loss or damage occurs to any person or property whatsoever arising out or as a consequence of the construction/ installation and the maintenance of the works, and all liabilities in this regard shall be borne by the Contractor. The Contractor shall also confirm in all respects with the provisions of any ordinance, Law Rules or Regulations of any authority, which may be applicable to the works or temporary works.

### 13. UNIVERSITY'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

As per PPRA rule 33-(1), University may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. University shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals but is not required to justify those grounds.

### 14. DELIVERY SCHEDULE

The bidders shall make delivery of the items within **90 days (which may be extended on reasons unavoidable and accepted by DIRECTOR TECHNICAL & ENGINEERING)** from the date of issuance of work / supply order. A penalty of 1% of the item price per day subject to the maximum of 10% of the total amount would be charged after expiry of the delivery time till the supply of the items. Work / Supply order of contract will be issued subject to the availability of funds for the quantity as per



actual requirement during the entire contract period.

## 15. MODE OF PAYMENT

No advance payment will be made as per University policy. The payment will be made to the supplier after satisfaction of supplied items by Engineer in Charge / **DIRECTOR TECHNICAL & ENGINEERING** If found in order in all respects after the successful and complete supply, installation, testing and commissioning of the items.

Payment will be made for actual measurements of quantities, lengths etc. as per work done.

## 16. TAXES

All Government taxes (Federal & Provincial) shall be deducted at source according to the relevant rules.

## 17. ARBITRATION

The decision of the University in all relevant matters will be final and unchallengeable in any court of law anywhere.

## 18. WARRANTY

Standard warranty for each equipment. After sales service including site visit (free of cost) during warranty period.

## 19. OTHER SPECIAL CONDITIONS OF THE CONTRACT

### 19.1 INSPECTION OF EQUIPMENT/MATERIALS.

All Equipment's /materials shall be subject to inspection and shall be approved by **DIRECTOR TECHNICAL & ENGINEERING** before the same are fabricated or installed in position. The **DIRECTOR TECHNICAL & ENGINEERING** may reject such materials as are considered by him to be below standard specifications, size or quality. The Contractor shall provide all labour at his own expense for handling during inspection. Any materials rejected by the committee shall not be used and

shall be removed from site by the Contractor.

## **19.2 WORK TO BE OPENED FOR INSPECTION**

All supply/works under or during the course of execution in pursuance of the Contractor, whether at site or at Contractor's workshop shall, all times, be opened for inspection and supervision of the **DIRECTOR TECHNICAL & ENGINEERING** at all times during the usual working hours, the contractor should either himself be present to receive the instructions or any responsible agent duly accredited in writing, present for this purpose. Instructions given to the Contractor's agent should be considered to have the same force as if these had been given to the Contractor himself.

## **19.3. RESPONSIBILITY AGAINST DAMAGES**

Before and up to the whole of the Supply/works are completed and have been finally handed over to the University and a proper completion certificate there of obtained by the Contractor, the Contractor shall be responsible for all and any damage caused to the materials or installed works/equipment through accident, improper handling, theft, transport or any other cause whatsoever and shall repair, remove or replace the same and compensate the University against all such losses.

## **19.4 SPECIFICATIONS**

The work shall comply with the requirement/ specification laid down in the technical specification's of the tender. Quality of each item should be supreme quality.

## **19.5. LABORATORY TEST**

**DIRECTOR TECHNICAL & ENGINEERING** has the power to order for conducting Equipment/material quality assurance test which deems necessary and cost of such tests will be borne by the contractor. No claim in this regard will be entertained for payment.

## **19.6 SIGNING OF CONTRACT AGREEMENT**

The formal agreement between the University and the successful Bidders/Suppliers shall be executed as per instructions of tender documents within two weeks of the receipt of the Contract Agreement by the successful Bidder/Supplier from the University.

## **19.7 PAYMENT**

The payment will be made to the contractor as per actual work done and the quantities given in BOQ

which are not actual and may increase or decrease.

The payment to the contractor will be made on satisfied installation, testing and power supply checked and verified by **DIRECTOR TECHNICAL & ENGINEERING**.

**Note:**

- Furthermore, Payment will be made on satisfied completion of any station or stations and bill submitted for that specific station (s).
- The scope of services includes as given in document, guaranteed energy must equal or more than committed, equaling deductions should be made in end of year if energy generation is low, on applicable grid rate. Energy Generation ledger will be settled at the end of each year. The value of units will be calculated on average grid price of 12 months since date of inception, for each year. If the energy generation is less than 5% of committed energy, the contractor will be responsible for installation of additional modules on site to satisfy the energy commitment at his own cost. Bid security will be forfeited if unable to comply.

## 20. RESPONSIVENESS OF BIDS

The bidder(s) will be declared as responsive for onward technical evaluation process of Bid(s) upon submission and fulfillment of following mandatory requirements / documents and requisite documents as mentioned below for Eligibility. In case of missing or NOT meeting any single requirement, the Bid shall be declared NON- RESPONSIVE and will not be considered for onward technical evaluation and competition.

S. No	Mandatory Documents	Attached Yes / No
01	Updated registration with PEC C-4 or above in the category EE-03, EE04 (Electrical), EE-09, EE-11-(i) (Solar), CE-10 (Civil), ME-07.	
02	Provision of bid validity period of 90 Days	
03	Registration Document with Income Tax (Active NTN)	
04	Registration Document with Balochistan Revenue Authority (Active BRA)	
05	General Sales Tax (GST) Registration Document	
06	Proof of Tender cost of Rs. 10,000/- (Tender & stationery charges)	
07	Affidavit on Judicial / Stamp Paper of Rs. 100/- or above, duly attested by Notary Public that the firm would supply / installation Brand New / Original equipment for the Project.	
08	Affidavit on Judicial / Stamp Paper of Rs. 100/- or above duly attested by Notary Public that they have never been blacklisted by any Government/ Semi Government Organization.	

09	Confirming that Bid Security (02%) has been attached to the financial proposal without showing the amount of bid security.	
10	Registration Documentation with AEDB (Attach valid registration) and the firm can perform NET metering process from NEPRA.	
11	Letter on Company letter head by the owner of firm to act as authorized person for signing & submission of Bids must be provided duly attested.	
12	Authorization from Manufacturer / Distributor of Quoted main Products	
13	One Project (in hand) of (ON-Grid) solar installation at a minimum of 200 KW in public sector in last one year. (Attach Purchase / Work Order / Agreement)	
14	Three Projects (completed) of ON-Grid solar installation at a minimum of 200 KW in public sector in last 5 years. (Attach Purchase / Work Order / Agreement with Completion Certificate)	
15	A written commitment on company letter head that the company will provide One Year Operation and maintenance (O&M) with cost included in overall items cost and will not claim as a separate.	

## 21. ELIGIBILITY FOR QUALIFICATION

### 21.1 MANDATORY:

Given in previous pages

### 21.2 LETTER OF INVITATION FOR BIDS

All interested bidders are invited for the bidding process as per requirements and details contained on next page under:



Sardar Bahadur Khan Women's University Brewery  
Road, Quetta

OFFICE OF THE DIRECTOR TECHNICAL & ENGINEERING & ENGINEERING DEPARTMENT  
ISO 9001:2000 Certified

***HIRING OF FIRMS / COMPANIES / CONTRACTORS FOR  
"SOLARIZATION OF SBK WOMEN'S UNIVERSITY PHASE-1"***

Sbk Women's University Quetta invites sealed proposals from registered, well-reputed firms / Government Contractors having relevant and valid Government registration to provide the following contracting services for solarization of the following University given below:

S#	Area	Capacity	System
1	PROCUREMENT OF ON-GRID SOLAR SYSTEM 120KW AND ABOVE WITH COMPLETE INSTALLATION, COMMISSIONING & NET METERING (INCLUDING ONE YEAR O&M) AT SBK WOMEN'S UNIVERSITY MAIN CAMPUS	120 KW	On-Grid

1. The supply / installations / works will be carried out in accordance with PPRA & PEC rules.
2. **Eligibility:** Contractor must have valid registration with PEC category C-4 or above, AEDB & Tax authorities.
3. **Method of Procurement:** Single Stage – Two Envelop Procedure (Technical & Financial). Please note that the proposals must be submitted separately on the envelope each as Technical & Financial. Proposal.
4. **Bidding / Tender Documents:**
  - a. **Issuance:** Documents will be issued from the date of publication till submission date for the fee amount of Rs. 10,000/- Ten Thousand (bidding document charges and non-refundable) the bank challan in favour of Sbk Women's University NBP, BMC branch account No.3-9, accompanied with technical proposals. The Tenders Documents can be downloaded from PPRA's or University's Web sites.
  - b. **Submission:** Last date of Submission will be August 29, 2025(Friday) at 14:00 hours.
  - c. **Opening:** Tender documents will be open on the same day i.e., August 29, 2025(Friday) at 15:00 hours. before the tender committee in the presence of contractors / suppliers or their authorized representatives/agents. The date for opening of the financial proposal will be informed to the bidders.
  - d. **Place of Opening:** Admin Block, Sbk Women's University, Brewery Road, Quetta.

**DIRECTOR**  
**Technical & Engineering**  
**Department**

**Ph# 081-9213310 & 9213303-05**

[Pd.sbkwu@gmail.com](mailto:pd.sbkwu@gmail.com)

**22. EVALUATION CRITERIA**

Keeping in view the complexity of the Project works, criteria for qualification has been evolved as:

Sr. No.	Category	Weight age/Marks
i.	General Capabilities	20
ii.	Financial Soundness	15
iii.	Experience of Firm	48
iv.	Personnel Capabilities	10
v.	Equipment Capabilities	7
Total:		100

**Qualification will be carried out on a point scoring basis. Applicant / proposal securing minimum score of 50 % in each category and 60% or above in overall / total will be considered as QUALIFIED and RESPONSIVE.**

**Joint Venture is not allowed to participate.**

Applicants having score of less than 60% in overall categories shall not be considered for further tender process and final evaluation. The financial proposals submitted by that firm will be returned back in sealed.

**22.1. GENERAL CAPABILITIES**

1	Valid ISO 50001 Certification	1	No marks will be given if license is not attached, and 1 mark will be added in case of valid certificate.
2	Enlistment with different Govt. organizations	2	1 mark will be given for each valid certificate.
3	Copy of Valid Dealership (Solar panels and Inverters)	2	1 Mark will be given for solar panels dealership certificate, and 1 mark will be given for inverter certificate
4	Description of Internal Quality Control assurance program for Operation/Maintenance	2	2 Mark will be given if Description is provided.
5	Presentation on Execution plan. (Brief Presentation on understanding of project, design and execution plan) (Mandatory)	10	Each bidder will present their Company profile, Experiences, Project Plan, Services to deliver & guarantees etc and marks will be awarded accordingly. <u>Date for Presentation will be given later.</u>
6	Company existence in provincial capitals and federal capitals.	3	1 mark will be given for Quetta based and 2 marks for other capitals.
<b>Total Marks Allocated</b>			<b>20</b>

**22.2. FINANCIAL SOUNDNESS**

	Description	Marks Assigned	Criteria for Marks Obtained
	Bank Credit Line	3	<b><u>Bank Credit Line (3-Marks)</u></b> <ul style="list-style-type: none"> <li>3 Marks are given if the available bank credit line limit is equal to 50 million</li> <li>For limit less than 50 million, use following weightage:  <math>3 \times (A/50)</math>            A = Available Bank Credit Line Limit</li> </ul>
	Audited Balance Sheets for last three years	3	<ul style="list-style-type: none"> <li>No marks will be given if Audited Balance Sheets are not attached. One mark for each year.</li> </ul>
	Working Capital in last 3 years	8	<ul style="list-style-type: none"> <li>4 Marks are given if the available average working capital for last three years is equal to 50 million</li> <li>For the capital less than 50 million use following weightage:  <math>4 \times (A/50)</math></li> <li>For the capital more than 50 million but less than 100 million use following weightage.  <math>4 + (A/50)</math>            A = Average working capital in last three years.</li> <li>Full Marks are given in case of limit is 100 million or more.</li> </ul>
	Registration with income tax & sale tax department	1	<ul style="list-style-type: none"> <li>No marks will be given if NTN &amp; GST Registration certificate is not attached and 1 point will be added in case of valid certificates.</li> </ul>
<b>Total Marks Allocated</b>			<b>15</b>

**22.3. EXPERIENCE OF FIRM**

	Description	Marks Assigned	Explanation for Marks Obtained
	Projects of similar nature and complexity (Supply & Installation of Solar On-Grid systems with installation of Net metering) completed in last five years with Public Sector organizations. (Min. Project value 30 million)	20	<p>6 Marks will be given if the applicant has completed at least one project of 150 KW in Public Sector in last five years.</p> <p>12 Marks will be given if the applicant has completed at least two projects of 150 KW in Public Sector in last five years.</p> <p>20 Marks will be given if the applicant has completed three or more projects of 150 KW in Public Sector in last five years.</p>



	Projects of similar nature and complexity in-hand with public sector organizations. (Min. Project value 30 million)	16	<p>4 Marks will be given if the applicant has at least 1 project of 150 KW in hand in Public Sector.</p> <p>8 Marks will be given if the applicant has at least 2 projects of 150 KW in hand in Public Sector.</p> <p>16 Marks will be given if the applicant has 3 or more in hand projects of 150 KW in Public Sector.</p>
	Length of the Services provided and Experience	4	<p>2 Marks will be given for company experience of overall Four &amp; Half Years.</p> <p>4 Marks will be given for company experience of overall more than Four &amp; Half Years.</p>
	The Company Feedback	8	The Company should submit written feedback from Engineer In charge of three completed Projects. 2 Marks for each Project.
<b>Total Marks Allocated</b>			<b>48</b>

**22.4. PERSONNEL CAPABILITIES**

	Description	Marks Assigned	Explanation for Marks Obtained
	B.Sc. Electrical/Electronics Engineers registered with Pakistan Engineering Council (PEC). Engineer shall be enlisted in the company's PEC certificate (Provide Detail CVS)	6	<ul style="list-style-type: none"> <li>2 Marks will be given if the individual's relevant experience of at least 1 number of B.Sc Engineer Electrical/Electronics (professional) is equal to 10 years or above.</li> <li>4 Marks will be given if the total no. of registered Engineers with PEC is 2. With experience of 10years.</li> <li>6 Marks will be given if the total no. of registered engineers with PEC is 5 or above. With experience of 10years.</li> </ul>
	Associates Engineers (DAE) Electrical/Electronics	4	<ul style="list-style-type: none"> <li>2 Marks will be given if the individual relevant experience of at least 1 number of Associates Engineers Electrical/Electronics (DAE) is equal to 8 years or above.</li> <li>4 Marks will be given if the total no. of Associate Engineers (DAE) are 3 or above. With 8 years of experience or above</li> </ul>
<b>Total Marks Allocated</b>			<b>10</b>



**22.5. EQUIPMENT CAPABILITIES**

	Description	Marks Assigned	Explanation for Marks Obtained
	PV Analyzer Kit	1	<ul style="list-style-type: none"> <li>Attach Photos and serial number</li> </ul>
	Clamp Meters	1	<ul style="list-style-type: none"> <li>Attach Photos and serial number</li> </ul>
	Earth Resistance Meter	1	<ul style="list-style-type: none"> <li>Attach Photos and serial number</li> </ul>
	Product Warranty Certificates i.e. 25 years for Solar Panels, 5 years for Inverters and 3 years system maintenance	1	<ul style="list-style-type: none"> <li>Attached Certificate on company's letterhead</li> </ul>
	Operational History	1	<ul style="list-style-type: none"> <li>Mark will be given for operational history of equal or more than 5 years</li> </ul>
	Technical System details	1	<ul style="list-style-type: none"> <li>All datasheets, documentations, certificates, simulations to support the technical design and specifications SHALL be provided.</li> <li>Mounting Structure Concept drawing</li> <li>Timeline of Project</li> </ul>
	Workshop/Service Center facilities in Balochistan. Attach layout sketch of workshop with list of equipment's.	1	<ul style="list-style-type: none"> <li>Mark will be given if workshop facility is available.</li> </ul>
<b>Total Marks Allocated</b>			<b>7</b>

**NOTE:**

**The Bidder(s) who got 60 or above marks in total will be declared as responsive bidder, the bidder who got less than 60 marks in total will be declared as non-responsive bidder(s).**

**Joint Venture of Firms / Contractors are not allowed**

## **23. GENERAL TECHNICAL SPECIFICATIONS FOR THE UNIVERSITY SOLAR SYSTEM**

### **23.1 PV PANELS**

Made: Grade A Tier 1 mono Perc Solar Panel, TUV & IEC Certified (Trina, Jinko, Longie & JA or equivalent)

### **23.2 INVERTER:**

The inverters will be installed indoors or under sheds, in an appropriate location that has adequate natural ventilation and space availability the cost of making rooms on the roof will not be embedded in the bid.

PV Inverters should be imported Tier 1 brand Manufacturer i.e Sun Grow and Huawei or equivalent. (100 & 50 KW or Others given)

No Local assembling and coupling of inverters should be allowed. Any part of inverter assembled/coupled locally is not allowed. Under this situation university can cancel the Bid anytime and can forfeit the security at any stage. Both inverters should be synchronized with each other and both AC outputs will be terminated on the same bus bar.

### **23.3 WEATHER STATION & COMMUNICATION DEVICE:**

Weather Station and Communication Device should be from the same OEM of Inverter Manufacturer and should be Imported.

### **23.4 DC CABLES & MC4 CONNECTORS:**

Complete DC Cables & MC4 Connectors used in Solar System Installation should be Imported. No Local Brand DC Cable and MC4 Connectors is acceptable. Cable Size: 6mm and 4 mm. DC Cable should be Tinned Annealed Copper having Insulation and Sheath of Crosslinked Polyolefin. It should be Halogen Free, Flame retardant, UV resistant, Oil & Fuel resistant. Temperature Range should be (Negative -40 Degree C ~ upto Positive +125 Degree C) Rated Voltage of AC U0/U 0.6/1.0 kV, DC 1.8 kV and bending radius of equivalent and greater than 4 x Cable OD. TUV Verified DC Cable.

### **23.5 AC CABLES:**

AC Cables for the project can be from Fast / Pakistan Cables or its equivalent.

### **23.6 PV MOUNTING STRUCTURE:**

Mounting Structure should be of high-grade quality. Structure can be ground mount and can be HDG i-e Hot Dip Galvanized as well or Aluminum as well.

### **23.7 SYSTEM**

#### **Remote Monitoring (Android and IOS Application)**

- Bidders offer user friendly solar monitoring platforms for both Android and IOS users. The monitor tracks energy production and allows immediate troubleshooting if and when required.
- Training of On-Site Staff for Operation and Maintenance
  - The system should start production/consumption from the date of installation till completion of net metering process.
  - The system should be installed as per NEPPRA check list already issued and any amendments time to time should also be catered.
  - Site visit is mandatory as no claim will be entertained afterward in case of any item/instrument required for completion of project not covered in the BOQ.

**PROCUREMENT OF ON-GRID SOLAR SYSTEM 120KW AND ABOVE WITH COMPLETE INSTALLATION, COMMISSIONING & NET METERING (INCLUDING ONE YEAR O&M) AT SBK WOMEN'S UNIVERSITY MAIN CAMPUS.**

S. No	Product Description	Brand	Description	Qty	Unit Price	Amount
1	PV Modules	LONGi/JA/JINKO or Equivalent	solar panels 580-610 Watt or above Tier-1, Mono / Bi facial Technology, 12 years Product warranty and 25 year linear Power degradation warranty (Verifiable QR Code)	120 KW		
2	On Grid Inverters	Huawei, Sungrow, Sunways or Equivalent	On Grid Inverter 120 KW or above with communication Wi-Fi Dongle Data Logger for remote monitoring and all allied accessories, IP65 or above. 5 years Replacement warranty.	1 Nos		
3	PV Mounting Structure	Aluminum/GI - Mountings	PV mounting structure GI/Aluminum (minimum 2.5mm) for solar panels including RCC foundations Mounting structure to support the module must be made of durable material, resistant to sandstorms, high wind speed up to 50m/s.	120 KW		
4	A/C & DC Combiner box	As per Solar Standard	GI 14 gauge	3 Nos		
5	A/C & DC Breakers	Original CNC/Schneider/ABB/Equivalent	AC & DC Breakers and SPDs Job	1 Job		
6	A/C Cable	Newage / Pakistan/ equivalent	95sqmm-4C - , CU pure copper	20 mtr		
7	DC Cables	Newage /Coppergate /equivalent	6sqmm PVC/PVC , CU pure copper	6,000 mtr		

8	PV Genset Controller	Haiwell / equivalent	PV Genset Controller for generator synchronization with inverters and Grid	1 Nos		
9	Complete Earth Pits	As per Solar Standard	AC, DC & Lightening Arrestor ( 25mm bare conductor, with pit cover) Depth should be 20' or above. Less than 5 Ohm 99% Pure Copper plate/rod.	1 Job		
10	Lightning arrestor	As per Solar Standard	Lightening arrester 1m rod , 5m pole with Wiring	1 Job		
11	Fire Fighting	Quality Brand	Firefighting: Appropriate fire extinguishing 8kg Co2 = Qty 2, equipment. AFO Fire Extinguisher Ball = Qty 5	1 Job		
12	Net Metering	As per Solar Standard	Net metering 120KW service fees + NEPRA fees + Meter Cost + installation of net meter etc.	1 Job		
<b>Total Amount Rs.</b>						

**NOTE:**

- Rate should cover complete providing, fixing and installation all service charges.
- Rates quoted and amount should be inclusive of all Government taxes & BRA tax.
- Quantities of items are estimated, and payment will be made as per actual with bills which may increase or decrease from the above given.

**Signature of Contractor  
With Stamp**

## 25. CERTIFICATE

I/We hereby confirm to have carefully read the description and all the terms and conditions of University tender having given date for opening on August 29, 2025, regarding the.

### HIRING OF FIRMS / COMPANIES / CONTRACTORS

#### FOR

#### “SOLARIZATION OF SBK WOMEN'S UNIVERSITY PHASE-1 MAIN CAMPUSE”

In addition to the conditions laid down and all the special instructions attached with the said tender enquiry. We agree to abide by all those instructions/Conditions.

1. I/We also hereby confirm that the procurement, installation and Commissioning of On-Grid Solar System with Net Metering and allied components by me/us would be exactly to the particulars and specifications as laid down in the TOR in all respects.
2. I/We hereby confirm to adhere to the delivery period required in the tender enquiry, which would be the essence of the contract that will be strictly adhered to by me/us. In case of failure, I/we agree unconditionally to accept the recovery of liquidated damages on belated job at 1% (of the value of items delivered late) per day, up to a maximum of 10% of the Contract Value on part thereof.

Name of Bidder: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_

Designation: \_\_\_\_\_

Seal:

#### WITNESS

Name: \_\_\_\_\_ Signature \_\_\_\_\_

CNIC #: \_\_\_\_\_

Full address: \_\_\_\_\_

Date: \_\_\_\_\_

(Must be Printed on Rs. 100/- or Above Stamp Paper)

**26. UNDERTAKING / CERTIFICATE.**

If provided solar system was found refurbished, substandard, used, outdated or of poor quality, the supply / work order of the firm will be immediately terminated without assigning any reason and will not make any refund / payment. Further, the performance / bid security given by the firm will also be confiscated and the firm will be declared blacklisted.

M/s \_\_\_\_\_

Authorized Person: \_\_\_\_\_

Address: \_\_\_\_\_

Tel #: \_\_\_\_\_ Mobile #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Email: \_\_\_\_\_ Signature: \_\_\_\_\_

Dated: \_\_\_\_\_

Agency Seal:

**ATTESTED**