



OFFICE OF THE INCHARGE PROJECT DIRECTOR
HEC FUNDED PROJECT UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN

Incharge Project Director
Solarization

No.SU/ADPP/IPDS/
Dated:09-05-2024

ATTENDANCE SHEET



Opening of Technical Proposals for Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of Two (02.25) MW Solar Grid (on 11KV) Connected Plant UNDER THE SCHEME Solarization of Sindh University Campus, Jamshoro. (SDG # 4) At Allama I.I Kazi Campus University of Sindh at Jamshoro.

Opening of Technical Proposal:09-05-2024 12:30 PM

SPPRA ID: T00881-23-0004 No.SU/ADPP/IPDS/08 Dated: 08-04-2024

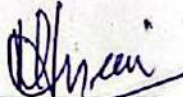
Procurement Procedure: (Single Stage Two Envelope Procedure)

S-NO	Name of Bidder/Representative /CNIC No/Mobile No	Tender Fee/CD, PO No:/ date	Signature:
1	M/s Hafiz Rabnawaz & Company Ishfaq A.R. 0301-3507408 41306-6354688-7	P.O	
2	Adeel Ahmed M/s EBR Energy Pakistan (Pvt.) Ltd EBR Energy - IEC JV Partners	41306-5844251-1	 0300-3476 0300-8414809
3	SURGE Energy SHARJEEL Hussain 0300-3780153 44102-2596643-7	P.O	
4	ALI HASSAN Renewable stay 0333 26 19852 44102-9976177-9		

5	Asadullah Memon M.D.S & Co. 0300-8370955. 41306-6519775-5		 09/05/24. 12:48 PM
6	Renewable Power SHAARAIN HUSSAIN 0322 990 99 22 42101-6282071-1		 09/05/24


 9/5/24

Engr. Tanveer Gulfar Memon
 Member/Secretary



Dr. Nayyer Hussain Mirjat
 External Member
 (Expert)



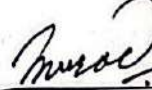
Mr. Umed Ali Rind
 Member



Engr. Sagheer Ahmed Memon
 Member



Engr. Ghulam Shabir Abbasi
 Member



Engr. Murad Ali Shah
 Member



Prof. Dr. Abdul Sattar Shah,
 Convener

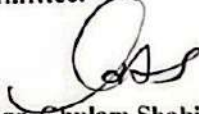
Bid Evaluation Report


1. Name of Procuring Agency: University of Sindh, Jamshoro.
2. Tender Reference No: SU/ADPP/IPDS/08, Dated: 08-04-2024
3. Tender Description/Name of work/item: Supplying, Installation, Testing and Operation & Maintenance of 2.25 MW Solar Grid (on 11 KV) connected plant under the scheme Solarization of Sindh University Campus, Jamshoro.
4. Method of Procurement: Single Stage – Two Envelope Procedure.
5. Tender Published: SPPRA Web Site on 17-04-2024.
Print & Electronic Media (SPPRA ID No. T00881-23-0004, Dated: 17-04-2024, "Daily Dawn", "Daily Jang" & "Daily Kawish" on 16-04-2024).
6. Total Bid Documents Sold: 06 Nos
7. Total Bids Received: 06 Nos
8. Technical Bid Opening date: (if applicable) 09-05-2024 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): 01 No
10. Bid(s) Rejected Technically: 05
11. Financial Bid Opening date: 22-08-2024
12. Bid Evaluation Report:
13. Estimated Cost: Rs. 526.000 (M)


S No.	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s EBR Energy Pvt. Ltd. / IEC (Joint Venture)	422,000,000.00	1 st	-19.77% (Below)	Acceptable due to most advantageous bid.	Recommended for award of work being most advantageous bidder

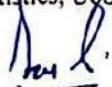
Signatures of the Members of the Committee.

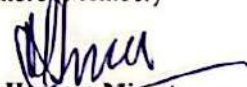

Engr. Tanveer Gulfam Memon
Incharge Project Director (Solarization)
UoS, Jamshoro (Member/Secretary)



Engr. Ghulam Shabir Abbasi
Incharge Project Director, Engineering Wing
UoS, Jamshoro (Member)


Mr. Umed Ali Rind
Member Syndicate and Assistant Professor
Department of Statistics, UoS, Jamshoro (Member)


Engr. Murad Ali Shah
Assistant Engineer (Civil), Engineering Wing
UoS, Jamshoro (Member)


Engr. Sagheer Ahmed Memon
Director Works & Strategic Planning,
Mehran UET, Jamshoro (Member)


Dr. Nayyar Hussain Mirjat
Associate Professor, Department of Electrical Engg.
Mehran UET, Jamshoro (Member)


Prof. Dr. Abida Sattar Shah,
Pro-Vice-Chancellor
University of Sindh, Jamshoro

**SUPPLY, INSTALLATION, TESTING, COMMISSIONING,
TRAINING, AND OPERATION & MAINTENANCE OF 2.25 MW
SOLAR GRID ON (11KV) CONNECTED PLANT UNDER THE
SCHEME SOLARISATION OF SINDH UNIVERSITY CAMPUS,
JAMSHORO.**

BID EVALUATION REPORT



SEPTEMBER, 2024

UNIVERSITY OF SINDH, JAMSHORO

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1. INTRODUCTION

The scheme "Solarization of Sindh University Campus, Jamshoro" was approved by Govt. of Sindh vide ADP 2023-24 at Gen. Sr. No. 1142 UID UEDUB-PP-21-0348 with cost of project of Rs. 400.00 million. The cost borne by the Govt. of Sindh in the ADP was for the equipment of the project. Additional cost to be incurred in the project is to be borne by the University of Sindh, that is estimated to be Rs. 126.624 million. Thus, total estimated cost of the Project stands at Rs. 526.624 million.

Subsequently, University of Sindh, Jamshoro invited bids for the project titled "Supply, Installation, Testing, Commissioning, Training, and Operation & Maintenance of 2.25 MW Solar Grid (on 11KV) connected Plant under the scheme Solarization of Sindh University Campus, Jamshoro (SDG#4)". The scope of bid includes supply, installation, testing and commissioning of Solar Power System as well as the training of University of Sindh personnel and two years of post-installation and commissioning O&M services by the successful bidder.

The project NIT (Ref No. SU/ADPP/IPDS/08, dated 08-04-2024) was published in various dailies and hosted at University of Sindh website. The copy of NIT is attached as *Annexure-A*. The bidding process adopted for this project has been Single-Stage-Two Envelope. Following bidders submitted their bids before the closing time on 09-05-2024.

- i) M/s. Renewable Power
- ii) M/s. Renewable Star Limited
- iii) M/s. Hafiz Rabnawaz & Co.
- iv) M/s. Surge Energies (Pvt.) Lrd.
- v) M/s. EBR Energy JV IEC
- vi) M/s. M.D.S. & Co

The first stage bids of the project were subsequently opened at the Senate Hall of the University of Sindh, Jamshoro at 12:30 PM on 09-05-2024. The bid opening record of 1st stage bids is attached herewith as *Annexure-B*.

2. EXAMINATION OF THE COMPLETENESS OF THE BIDS

Following the bid opening; the procurement committee precisely reviewed each of the bidder's submission for the completeness as per NIT/Bid requirements. Following were the findings and decision of procurement committee.

- The bids submitted by M/s. Renewable Power and M/s. Renewable Star Limited were without the requisite tender fee of Rs. 5000/-, as such, were not considered by the procurement committee and thus rejected.
- It also emerged during the bid opening that 1st Stage Envelope of bidder M/s. Hafiz Rabnawaz & Co. has revealed the bid security amount thus disclosing their bid amount before the financial opening was also not considered by the committee and their financial proposal returned to their representative unopened.
- The 1st stage bids submitted by the remaining 03 bidders listed as under were found in order i.e. meeting the NIT/bid requirement.



3

Bidder 1: M/s. Surge Energies (Pvt.) Ltd.

Bidder 2: M/s. EBR Energy JV IEC

Bidder 3: M/s. M.D.S. & Co

The 1st stage bids of these bidders were, therefore, opened while the financial proposal (2nd Envelope) of these bidders were signed by the procurement committee members and secured.

3. EXAMINATION OF THE BIDS AND DETERMINATION OF RESPONSIVENESS

Prior the detailed evaluation of the bids, as per ITB 26.1, the qualification evaluation of the 1st stage opened bids was undertaken by the Procurement Committee to determine whether each of bid is substantially responsive to the requirements of the Bidding Document.

A detailed qualification evaluation report is attached is *Annexure-C* to this BER.

The summary qualification evaluation of the 1st stage bids of bidders, evaluated against the mandatory qualification criteria stipulated in the bidding document, is summarised as follows:

Bidder 1: The bids submitted contained the major shortcomings as listed below.

- Bidder 1 not registered in the relevant EE02 category of PEC.
- Bidder 1 not registered in the relevant category of AEDB/PPIB
- Its past registration with PEC for similar works is also of less than 5 years.
- Bidder has not provided any evidence of any work completed of similar nature having 80% of the estimated cost or at least two similar natures of works having minimum 50% of the estimated cost of this project.
- Bidder 1 has not furnished the requisite audited financial statement of 2023.

Bidder 2: A comprehensive bid generally meeting all the major qualifications requirements has been submitted by the bidder.

- Bidder's some of staff's biometric verification with PEC is pending which they are required to complete.
- Bidders has not provided the pay slips of some lead staff members which they are required to furnish.

Bidder 3: 1st stage proposal contains some major shortcomings as summarised below.

- Bidder 3 not registered in the relevant EE02 category of PEC.
- Bidder 3 not registered in the relevant category of AEDB/PPIB
- Bidder 3 is not registered in SRB; its status is "INACTIVE".
- Bidder has not provided any evidence of any work completed of similar nature having 80% of the estimated cost or at least two similar natures of works having minimum 50% of the estimated cost of this project.
- Bidder 3 has not furnished Audited Financial Statements of last five (5) years.
- Bidder has not provided Degree Certificates, PEC certificates or Pay slips of its key staff members.
- Bidder's blacklisting affidavit is not attested.

Based on detailed qualification evaluation of the bids, the Procurement Committee devised the following recommendations as contained in the detailed qualification evaluation report *Annexure-C*.

A series of handwritten signatures in blue ink, including the name 'Mueed' and other illegible names, with a small number '4' written at the end of the last signature.

- a) The bids submitted by the bidders **Bidder 1: M/s. Surge Energies (Pvt.) Ltd, and Bidder 3: M/s. M.D.S** may be rejected as per ITB clause 3 and 26) and SPPRA Guideline 7.6(A/1).
- b) The bids submitted by the **Bidder 2: M/s. EBR Energy JV IEC** may be considered for further evaluation and required clarification be sought.
- c) The bid validity extension may be sought from Bidder 2 to complete the bidding process.
- d) The financial opening of the project be held within the extended bid validity period.

These recommendations of the Procurement Committee were subsequently approved by the competent authority, as such, detailed technical evaluation and financial opening of the Bidder 2 proposal was subsequently commenced.

4. TECHNICAL EVALUATION

After the approval of 1st stage qualification evaluation, the Procurement Committee undertook the detailed technical evaluation of Bidder 2.

In the preliminary review, the Procurement committee had noted that technical proposal submitted by the **Bidder 2: M/s. EBR Energy JV IEC** generally meet the requirements of the technical specifications contained in the bid document except some minor clarification required from the bidder. The committee had also proposed a detailed technical presentation from the bidder. A summary of the technical proposal of the **Bidder 2** is provided as follows:

The technical proposal of the Bidder 2 is contained in the Appendix-H to the Bid: Bill of Quantities (BOQ) in the Part 2/2 of the technical bid. The BOQ of the project comprise of equipment and associated supplies and services in the Part-I and Civil Works in the Part-II as the technical requirements of the bid.

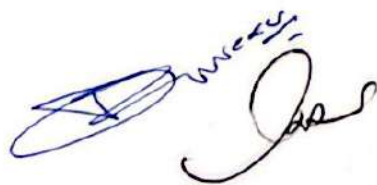
4.1 Bill of Quantities

The bidder has quoted specified or equivalent equipment with origin and quantity as per BOQ requirement as contained in the Annexure-10 of the technical proposal.

The solar panel brand Canadian Solar (580Wp) has been proposed which are Tier-1 Bifacial panels with improved efficiency. A total of 6 inverters are proposed by the bidder. The manufacturer of these inverters is Huawei International, and each inverter is sized 330 KVA and is higher than the specifications contained in the BOQ. These are High Voltage string inverters with sufficient efficiency and performance profile. The other quoted equipment and works also generally meet the BOQ requirements.

4.2 Simulation of the System

The bidder has undertaken system simulation using software tool PVSyst. Two plants of each 1125.2 KWp with requisite equipment, auxiliaries and accessories as per BOQ is proposed. The summary of the annual production as per simulation is provided in Table: 1 of Annexure -11 of the technical proposal. A wind loading analysis is also provided, which is appropriate for this windy region of Jamshoro. As per simulation findings, the minimum generation from the system would 3775.1 MWh per annum.



4.3 Layout, Drawings and Reports

The bidder has provided details layout, drawing and report in respect of the project which are contained in the Annexure-13 of the technical proposal. These include layouts for PV placement (2D, 3D), LED lighting, CCTV cameras, water distribution network, boundary fencing, topographic, earthing, lightning arrestors, strings, UPVC pipe route and fire alarm. It also includes drawings for the various sections of the project including inverter sheds, civil foundations, transformer shed and pad drawings, MV room, DTR, servant quarters, mounting structure, and SLDs. It also includes the SCADA system design, calculations/BOQ with report, SAP reports for solar mounting structure and MV technical details. These layouts, drawings and reports are generally appropriate which are in line with the project scope and requirements.

4.4 Data Sheets

The data sheets of the key BOQ equipment are provided in the Annexure-14 of the technical proposal. These data sheets include for the solar panel, solar inverters, data loggers, weather stations, monitoring devices, transformers, CCTV cameras, LED lights, fire alarm devices, UPS including batteries, cables, circuit breaker, lightning arresters, optical fibre and SCADA system. It is generally found the majority of these key equipment manufacturers data sheet meet the BOQ requirement.

4.5 Certification

The bidder has included the key BOQ equipment quality certification in the Annexure-15 of the technical proposal. This certification includes for the solar panel, inverters, lighting arrestors, transformers and cable. The certifications are from reputed organizations for each key equipment.

4.6 Net Metering

The proposed on-grid solar system's net metering with the HESCO shall be the responsibility of the bidder and shall be undertaken as complete job which shall include meeting all requirements of utility and regulator.

4.7 O & M

The bidder shall also be responsible for the preventive and corrective maintenance of the system, excluding cleaning of solar panels, for two years from the date of commissioning of the project.

4.8 Spares

The bidder shall provide the requisite number of spares as contained in the BOQ.

4.9 Civil works

The part-2 of the BOQ required to design and undertake the associated civil work which shall be undertaken by the bidder as per the BOQ requirement.

Following detailed qualification and the technical evaluation and as resolved by the procurement committee a detailed presentation was sought from the Bidder 2, following the financial opening, to seek clarification to various queries associated with the BOQ and scope of this work.

5. FINANCIAL OPENING, EVALUATION AND COMPARISON OF BIDS

The financial opening of the only substantial responsive and qualified bidder i.e. Bidder 2 was held on 22-08-2024. The financial opening meeting attendance record is attached as *Annexure-D*.

The image shows three handwritten signatures or initials in blue ink. The first signature on the left is stylized and appears to be 'Anwar'. The middle signature is a cursive 'M' followed by 'Anwar'. The signature on the right is a large, bold 'L' followed by a cursive signature and a small number '6' to its upper right.

The procurement committee precisely reviewed the financial proposal of the Bidder 2 which was generally found in order and was subsequently taken up by the committee for the detailed evaluation.

As per the financial proposal, the bidder has quoted prices against all BOQ item including relevant taxes in the separate column. The summary of the financial proposal opening is provided in the following table.

S. #.	Description	Cost (PKR) Exc. GST.	GST/PST (PKR)	Amount (PKR) Inc. Applicable Taxes
1.	Part-1: Cost of Solar Equipment as per BOQ	350,068,498.2	39,424,430.5	389,492,928.7
2.	Part-2: Cost of Civil Works as per BOQ	30,961,591.6	1,548,079.6	32,509,671.2
Grand Total Project Cost (Part-1 & Part-2)		381,030,089.8	40,972,510.1	422,002,599.9
Grand Total in Words: Rupees Four Hundred Twenty-Two Million Two Thousand Five Hundred Ninety-Nine and Ninety Paise Only.				

It is pertinent to mention that as per ITB clause 12.3 of the bidding document all duties, taxes and other levies payable by the contractor, or for any other cause shall be include in the rates and prices and the total bid price submitted by the bidder.

Subsequently, the detailed financial evaluation of the submitted financial proposal of the Bidder 2 was undertaken as per ITB clause 28 of the bidding document.

In the course of financial proposal evaluation, it emerged that Bidder 2 under BOQ item 1 has proposed solar PV plant capacity of 2.45 MW against the required capacity of the 2.25 MW.

In light of the procurement committee resolution and approval of competent authority Bidder 2: M/s. EBR Energy JV IEC was required to attend University of Sindh and provide clarification to various technical and financial queries. Subsequently bidder's representative attended University of Sindh, Jamshoro on 29-08-2024 and presented detailed description of this project and sufficiently responded various queries of the procurement committee members. The attendance record of this meeting is attached as *Annexure-E*.

Bidder 2 representative in the aforementioned meeting clarified various technical queries of the procurement committee such as wind loading analysis, the tilt angle, the foundation work, the reference signal for the inverter and net metering arrangement. As regarding, the reference power for the inverter, it was clarified that since the proposed system is on-grid system on 11 KV over the express feeder, as such, the continuity of grid supply from the utility is expected round the clock and specifically during the daytime.

As regarding the 2.45 MW capacity quoted in the financial proposal against 2.25 MW capacity, the bidder's representative submitted that they have offered higher capacity at the time of submission of financial proposal considering the solar panel prices and technical viability as per BOQ.

The bidder's representative also clarified that applicable General Sales Tax (GST) of FBR and Provincial Sales Tax (PST) of SRB has been include the cost working of the proposal based on the applicable rates at the time of submission of the bids.

The bidder, however, agreed that they shall undertake tax liability, for various BOQ items, as per actual applicability based on the provision of bid document and relevant regulation

The financial proposal of the bidder was also subjected for review with respect to arithmetic check, errors and found in order. The evaluated bid price of the Bidder 2 for the complete scope of project (Part-1 & 2 of the BOQ and 2 Year O&M) with respect project estimated cost is summarised as under:

S.#.	Name of Firm or Bidder	Estimated Cost in Rs. (M)	Contractor Quoted bid Amount in Rs.	Mathematically Corrected Bid Amount in Rs.	% Above/ Below	Ranking
1.	M/s. EBR Energy JV IEC	526.00 (M)	422,000,000.00	422,000,000.00	-19.77 % (Below)	1 st Lowest

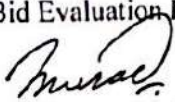
It is evident from above that evaluated financial bid of M/s. EBR Energy JV IEC is lowest evaluated and 19.77% below the estimated cost of the project. The technical bid of the bidder has also been found substantially responsive to the requirements of the BOQ contained in the bidding document of the project with bidder offer 2.45 MW of solar PV capacity against 2.25 MW.


6. CONCLUSION AND RECOMMENDATION

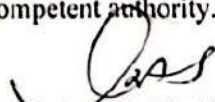
The bid evaluation reveals Bidder 2 M/s. EBR Energy JV IEC as substantially responsive, offering 2.45 MW of solar PV capacity against 2.25 MW, and lowest evaluated. It is, therefore, Bidder 2 bid may be considered for award of work with following recommendations by this committee.

- i) The successful bidder on award of work may be required to undertake load balancing/flow studies and other relevant activities with the consent and approval of University of Sindh.
- ii) The successful bidder on award of work may be required to submit detailed design document, project team details, its organogram, definite timeline and method of performing works to complete the project within specified duration.
- iii) At the implementation of project as per detailed design, the successful bidder may be required to submit detailed electrical system layout of University of Sindh, Jamshoro
- iv) The import verification and panel certification verification should be ensured by the successful bidder.
- v) A central electrical control room shall be established by the successful bidder with provision of HMI and data storage system as per the BOQ requirements of the project.

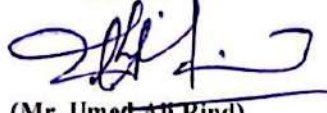
This "Bid Evaluation Report" is, therefore, submitted for approval of the competent authority.


(Engr. Murad Ali Shah)
Member


(Engr. Tanveer Gulfam Memon)
Member


(Engr. Ghulam Shabir Abbasi)
Member


(Dr. Nayyar Hussain Mirjat)
External Member (Expert)


(Mr. Umed Ali Rind)
Member


(Engr. Sagheer Ahmed Memon)
Member


Prof. Dr. Abdul Sattar Shah
Convener



UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN
OFFICE OF THE INCHARGE PROJECT DIRECTOR (SOLARIZATION)

TENDER NOTICE

All the interested contractors / firms / parties meeting eligibility criteria viz. registration with Federal Board of Revenue (FBR) for Income Tax, Sales Tax in case of procurement of goods, registration with Sindh Revenue Board in case of procurement of Works and Services and registration with Pakistan Engineering Council as the case may be and not blacklisted in any procuring agency or authority, are invited to participate in full / item wise tenders for the following work:

Name of Work	Tender Fee	Procedure	Completion Period	Call Deposit / Security Deposit
Supply, Installation, Testing, Commissioning, Training and Operation & Maintenance of 2.25 MW Solar Grid (on 11kv) connected plant, under the scheme Solarization of Sindh University Campus, Jamshoro. (bq # 4)	Rs. 5000/- In favor of Director Finance, University of Sindh	Single Stage Two Envelopes Procurement Rule 46(2) SPPRA Rules Amended upto date	12 Months	2% of quoted bid price

1st Schedule

- > Issuance start date & time: 17-04-2024 09 office hours
- > Issuance end date & time: 06-05-2024 09 office hours
- > Submission date & time: 09-05-2024 03:00 noon
- > Opening date & time: 09-05-2024 03:00 PM

2nd Schedule

- > Issuance start date & time: 19-05-2024 09 office hours
- > Issuance end date & time: 27-05-2024 03 office hours
- > Submission date & time: 28-05-2024 03:00 noon
- > Opening date & time: 28-05-2024 03:00 PM

Terms and conditions are given as under:-

1. The tender documents can be had from above office or downloaded from SPPRA/PPMS website and University of Sindh official website <http://www.uosindh.edu.pk> on payment noted above (non-refundable) on any working day. In case of any unforeseen situation resulting in closure of office on the date of opening or government declares any holiday, the tenders shall be submitted/opened on the next working day at the same time & venue. Any conditional or unaccompanied of the earnest money, tender will not be considered in the competition.
2. The Method of Procurement is:
The procedure adopted for bidding is open competitive bidding; Single Stage-Two Envelopes Procedure rule 46(2) of Sindh Public Procurement Rules, 2010 amended upto date.
3. The bidders are required to submit proposals in accordance with the Technical Evaluation Criteria given in the Bidding Documents.
4. Financial Proposals of firms failing to qualify technically if any shall be returned as sealed /unopened, while Financial Proposals of qualified firms shall be opened in presence of firms or their authorized representatives at the time to be determined later.
5. The bidders should have at least 05 years experience of same services in any university or large organization.
6. The bidders should be registered with taxpaying agencies which would be verified by concerned agencies.
7. The bidders should not be blacklisted in any procuring agency (Nidavil is required).
8. Average Annual Turnover not less than equivalent cost of the scheme/project during the last five years.
9. All bids need to be submitted on Standard Format of Request for Proposal (RFP) duly signed/stamped with all requisite documents. Failing to submit the bid, if any, on Standard Format of RFP, the bids shall be considered as non-responsive/rejected.

The competent authority reserves the right to reject any or all bid proposals, subject to the relevant provision of SPPRA Rules 2010 amended upto date.

Sd/-
INCHARGE PROJECT DIRECTOR
 (Solarization)
 University of Sindh Jamshoro
 Phone: 022-9213265
 Email: p00@uosindh.edu.pk

NF-KRY No 102824

روايتي سنه 4 - روايتي سنه 2

(Handwritten signatures and initials)

Annexure-B: Bid Opening Record (1st Stage Bids)

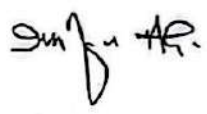



ATTENDANCE SHEET

Opening of Technical Proposals for Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of Two (02.25) MW Solar Grid (on 11KV) Connected Plant UNDER THE SCHEME Solarization of Sindh University Campus, Jamshoro. (SDG # 4) At Allama I.I Kazi Campus University of Sindh at Jamshoro.

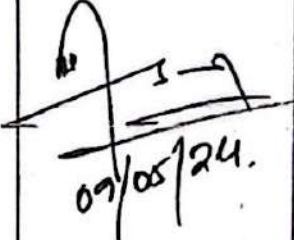
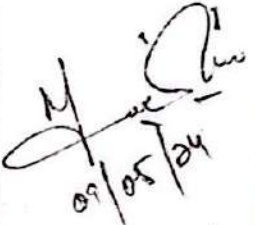
Opening of Technical Proposal: 09-05-2024 12:30 PM

SPPRA ID: T00881-23-0004 No.SU/ADPP/IPDS/08 Dated: 08-04-2024

Procurement Procedure: (Single Stage Two Envelope Procedure)

S-NO	Name of Bidder/Representative/CNIC No/Mobile No	Tender Fee/CD, PO No./ date	Signature:
1	M/s Hafiz Rabnawaz & Company Ishfaq A.E. 0301-3507408 41306-6354688-7	P.O	
2	Adeel Ahmed M/s EBR Energy Pakistan (Pvt.) Ltd EBR Energy - IEC JV Partners	41306-5849251	 0300-3076 0300-8414809
3	SORGE Energy SHARJEEL Hussain 0300-3280153 4402-2596643-7	P.O	
4	ALI HASSAN Renewable stay 03332619852 44102-9976177-9		



5	Asadullah Memon M.D.S & Co. 0300-8370955. 41306-6519775-5		 09/05/24. 12:48 PM
6	Renewable Power SHARAF HUSSAIN 0322 990 99 22 42101-6282071-1		 09/05/24



Engr. Tanveer Gulfarin Memon
Member/Secretary



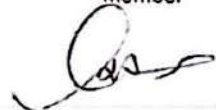
Dr. Nayyer Hussain Mirjat
External Member
(Expert)



Mr. Umed Ali Rind
Member



Engr. Sagheer Ahmed Memon
Member



Engr. Ghulam Shabir Abbasi
Member



Engr. Murad Ali Shah
Member



Prof. Dr. Abdul Sattar Shah,
Convener

Annexure-C: Qualification Evaluation Report

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BIDDERS QUALIFICATION REPORT

Supplying, Installation, Testing and Operation & Maintenance of 2.25 MW Solar Grid (on 11 KV) connected plant under the scheme Solarization of Sindh University Campus, Jamshoro

Name of work: _____

1	Name of Procuring Agency	University of Sindh, Jamshoro		
2	Tender Reference Number	No. SU/ADPP/IPDS/08, Dated: 08-04-2024 SPPRA Sr. No. T00881-23-0004, Dated: 17-04-2024		
3	Method of Procurement	Single Stage- Two Envelope Procedure		
S. No	Name of Firm / Bidder	M/s EBR Energy/ IEC (Joint Venture)	M/s Surge Energy	M/s M.D.S. Co.
1	Registration with Income Tax Department	Yes	Yes	Yes
2	Registration with GST	Yes	Yes	Yes
3	Hyderabad Region Electric Inspector License	Yes	No	Yes
4	05 years' of experience of same services in any university or large organization	Yes	No	No
5	Tender Fee / Cost of Bidding Document.	Yes	Yes	Yes
6	2% Earnest money	Yes	Yes	Yes
7	Firm has not been Blacklisted previously by any Procuring agency (Affidavit required).	Yes	Yes	Yes
8	Bids submitted on standard format of Request for Proposal (RFP) duly signed/stamped with all requisite documents.	Yes	Yes	Yes
9	Average annual turnover not less than equivalent cost of the scheme/project during	Yes	No	No
10	Registered with Security Exchange Commission of Pakistan (SECP)	Yes	Yes	No
11	Valid copy of registration certificate of firm with Electrical Inspectorate Hyderabad Region (Mandatory)	Yes	No	No
12	Registered with Sindh Revenue Board (SRB) (Mandatory)	Yes	Yes	No
13	Registered with FBR/NTN/Sales Tax Number (Mandatory)	Yes	Yes	Yes
14	Registration with Pakistan Engineering Council (PEC) in C3 category or above having specific codes of EE02, EE04, EE06, EE11 (Solar), EE11 (General Electrical Works), CE01 and CE10 and related specialization codes related to Solar Power Energy Installation and minimum 5 years post registration PEC certificates and working experience (Mandatory)	Yes	No	Yes
15	Atleast one similar nature works having minimum cost 80% of the estimated cost of the work OR atleast two similar nature works having minimum cost 50% of the estimated cost (Mandatory)	Yes	No	No
16	Audited Financial Statements / Accounts Statements showing Financial position of last Five (05) years starting from 1st July 2018 to 30th June 2023 (Mandatory)	Yes	No	Yes
17	Letter of Association / Consortium, if applicable attached	Yes	No	No

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18	Copy of Work Orders and Completion / Performance certificates of the completed projects and projects in hand	Yes	Yes	Yes
19	Declaration by authorized person to submit the bid signed and attached	Yes	Yes	Yes
20	Detailed description of Approach, Methodology and Work Plan for performing the assignment (Mandatory)	Yes	No	No
21	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)	Yes	Yes	Yes
22	Registration certificates with Autonomous bodies / Private Entities (National or International if any supplement requirement)	Yes	No	No
23	Affidavit on stamp paper of Rs. 100/- that the firm is not blacklisted or in litigation by / with any public or private sector organization in Pakistan. The Blacklisting undertaking should be from each JV partner instead of the alone	Yes	Yes	No
24	Copy of valid registration certification with AEDB / PPIB (C1 category) and in case of JV then registration in C1 category for all JV partners at AEDB/ PPIB is must (Mandatory)	Yes	No	No
25	Compliant / non-compliant.	Compliant	Non-Compliant	Non-Compliant



Engr. Tanyeer Gulfam Memon
Incharge Project Director (Solarization)
UoS, Jamshoro (Member/Secretary)



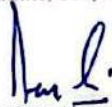
Engr. Ghulam Shabir Abbasi
Incharge Project Director,
Engineering Wing
UoS, Jamshoro (Member)



Mr. Umed Ali Rind
Member Syndicate and Assistant Professor
Department of Statistics, UoS, Jamshoro (Member)



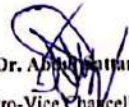
Engr. Murad Ali Shah
Assistant Engineer (Civil),
Engineering Wing
UoS, Jamshoro (Member)



Engr. Sagheer Ahmed Memon
Director Works & Strategic Planning,
Mehran UET, Jamshoro (Member)



Dr. Nayyar Hussain Mirjat
Associate Professor,
Department of Electrical
Mehran UET, Jamshoro (Member)



Prof. Dr. Abdul Qadir Shah,
Pro-Vice Chancellor
University of Sindh, Jamshoro

Bidders Eligibility and Qualification Evaluation Report

**“Supplying, Installation, Testing and
Operation & Maintenance of 2.25 MW Solar
Grid (on 11 KV) connected plant under the
scheme Solarization of Sindh University
Campus, Jamshoro”.**



UNIVERSITY OF SINDH, JAMSHORO

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1. Project Background

The scheme "Solarization of Sindh University Campus, Jamshoro" was approved by Govt. of Sindh vide ADP 2023-24 at Gen. Sr. No. 1142 UID UEDUB-PP-21-0348 with cost of project of Rs. 400.00 million. The cost borne by the Govt. of Sindh in the ADP was for the equipment of the project. Additional cost to be incurred in the project is to be borne by the University of Sindh, that is estimated to be Rs. 126.624 million. Thus, the total estimated cost of the Project stands at Rs. 526.624 million.

Subsequently, University of Sindh, Jamshoro invited bids for the project titled "Supply, Installation, Testing, Commissioning, Training, and Operation & Maintenance of 2.25 MW Solar Grid (on 11KV) connected Plant under the scheme Solarization of Sindh University Campus, Jamshoro (SDG#4)". The scope of the bid includes supply, installation, testing and commissioning of Solar Power System as well as the training of University of Sindh personnel and two years of post-installation and commissioning O&M services by the successful bidder.

2. Project Bidding Process

The project NIT (Ref No. SU/ADPP/IPDS/08, dated 08-04-2024) was published in various dailies and hosted at the University of Sindh website. The bidding process adopted for this project has been Single-Stage-Two Envelope. Following bidders submitted their bids before the closing time on 09-05-2024.

- i) M/s. Renewable Power
- ii) M/s. Renewable Star Limited
- iii) M/s. Hafiz Rabnawaz & Co.
- iv) M/s. Surge Energies (Pvt.) Lrd.
- v) M/s. EBR Energy JV IEC
- vi) M/s. M.D.S. & Co

2.1 Bid Opening

The first stage bids of the project were subsequently opened at the Senate Hall of the University of Sindh, Jamshoro at 12:30 PM on 09-05-2024.

Following the bid opening, the procurement committee precisely reviewed each of the bidder's submission for the completeness as per NIT/Bid requirements. Following were the findings and decision of the procurement committee.

- The bids submitted by M/s. Renewable Power and M/s. Renewable Star Limited were without the requisite tender fee of Rs. 5000/-, as such, were not considered by the procurement committee and thus rejected.
- It also emerged during the bid opening that 1st Stage Envelope of bidder M/s. M/s. Hafiz Rabnawaz & Co. has revealed the bid security amount thus disclosing their bid amount before the financial opening was also not considered by the committee and their financial proposal returned to their representative unopened.
- The 1st stage bids submitted by the remaining 03 bidders listed as under were found in order i.e. meeting the NIT/bid requirement.

- M/s. Surge Energies (Pvt.) Ltd.
- M/s. EBR Energy JV IEC
- M/s. M.D.S. & Co



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3. Bidder's Eligibility

In order to determine the eligibility of the bidders, certain criteria/ requirements were set in the bidding documents. As such, prior to the detailed evaluation, bidder's eligibility requires to be established based on mandatory criteria/requirements as per Bid Data Sheet clause ITB 11.1. These mandatory criteria/requirements are provided in Table 1 below.

Table 1: Mandatory Criteria/Requirements

S. No.	Mandatory Criteria/Requirement
1.	Registered with Security Exchange Commission of Pakistan (SECP) (Mandatory)
2.	Valid copy of registration certificate of firm with Electrical Inspectorate Hyderabad Region (Mandatory)
3.	Registered with Sindh Revenue Board (SRB) (Mandatory)
4.	Registered with FBR/NTN/Sales Tax Number (Mandatory)
5.	Registration with Pakistan Engineering Council (PEC) in C3 category or above having specific codes of EE02, EE04, EE06, EE11 (Solar), EE11 (General Electrical Works), CE01 and CE10 and related specialization codes related to Solar Power Energy Installation and minimum 5 years post registration PEC certificates and working experience (Mandatory)
6.	At least one similar nature works having minimum cost 80% of the estimated cost of the work OR at least two similar nature works having minimum cost 50% of the estimated cost (Mandatory)
7.	Audited Financial Statements / Accounts Statements showing financial position of last Five (05) years starting from 1st July 2018 to 30th June 2023 (Mandatory)
8.	Letter of Association / Consortium, if applicable attached
9.	Copy of Work Orders and Completion / Performance certificates of the completed projects and projects in hand (Mandatory)
10.	Declaration by authorized person to submit the bid signed and attached
11.	Detailed description of Approach, Methodology and Work Plan for performing the assignment (Mandatory)
12.	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)
13.	Registration certificates with Autonomous bodies / Private Entities (National or International if any supplement requirement)
14.	Affidavit on stamp paper of Rs. 100/- that the firm is not blacklisted or in litigation by / with any public or private sector organization in Pakistan. The Blacklisting undertaking should be from each JV partner instead of the alone (Mandatory)
15.	Copy of valid registration certification with AEDB / PPIB (C1 category) and in case of JV then registration in C1 category for all JV partners at AEDB/ PPIB is must (Mandatory)

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Non-confirmatory in anyone of the mandatory criteria/requirements will assert the bidder's ineligibility for further consideration, evaluation and their financial bids will not be opened.

3.1 Qualification Criteria/Evaluation

Subsequent to determination of the bidder's submitted proposal with respect to mandatory criteria/requirements; the bidder's proposal shall be subjected to qualification evaluation on quantitative basis as per criteria contained in the bidding document and provided in Table 2 below.

Table 2: Qualitative Criteria

S. No.	Category	Weightage/ Marks
1.	Experience Record	50
2.	Personnel Capabilities	25
3.	Financial Soundness	25
	TOTAL	100

Each of the three categories of Table 2 consists of detailed elements to which each bidder's proposal shall be quantitatively marked.

Qualification status of eligible bidders shall be decided on the basis of Pass/Fail basis. Any eligible bidder securing at least 50% marks in each category of Table 2 and meeting other bidding requirements shall be considered as a substantially responsive bidder whose financial proposal shall be opened.

4. Examination of Bids and Determinations of Responsiveness

The 1st stage bids submitted by the following 03 bidders were found in order i.e. meeting the NIT/bid requirement and were considered for further examination and determination of responsiveness.

- M/s. Surge Energies (Pvt.) Ltd.
- M/s. EBR Energy JV IEC
- M/s. M.D.S. & Co

In the first phase bids were examined with respect to eligibility criteria i.e. against each of mandatory requirement followed by qualification evaluation.

4.1 Eligibility criteria Evaluation:

Each of three bidders, which were initially found meeting the NIT/bid requirement, 1st stage proposal were evaluated against the mandatory requirements of the bid as follows.

- M/s. Surge Energies (Pvt.) Ltd.

M/s. Surge Energies' 1st stage proposal was evaluated against the mandatory requirement criteria as contained in Table 1. The key shortcomings of the bidder, i.e. the mandatory criteria which they do not meet are listed in Table 3.



Table 3: M/s. Surge Energies (Pvt.) Ltd. Eligibility Evaluation Summary

Req. No.	ELIGIBILITY REQUIREMENT	REMARKS
2	Valid copy of registration certificate of firm with Electrical Inspectorate Hyderabad Region (Mandatory)	Bidder is not registered/ produced its Electrical Inspectorate Hyderabad Region license, which is a mandatory requirement.
5	Registration with Pakistan Engineering Council (PEC) in C3 category or above having specific codes of EE02, EE04, EE06, EE11 (Solar), EE11 (General Electrical Works), CE01 and CE10 and related specialization codes related to Solar Power Energy Installation and minimum 5 years post registration PEC certificates and working experience (Mandatory)	The bidder does not have EE02 code registered with its PEC License. The firm initially registered with PEC on 14 th June 2021, which is less than the minimum 5 years of required post registration experience. The firm does not meet in both mandatory requirements.
6	At least one similar nature works having minimum cost 80% of the estimated cost of the work OR at least two similar nature works having minimum cost 50% of the estimated cost (Mandatory)	Bidder does not have completed any similar nature of works having 80% of the estimated cost OR at least two similar nature of works having minimum 50% of the estimated cost. Bidder does not meet this mandatory requirement.
7	Audited Financial Statements / Accounts Statements showing Financial position of last Five (05) years starting from 1st July 2018 to 30th June 2023 (Mandatory)	Bidder has not produced Audited Financial Statements of year 2023, which is a mandatory requirement.
11	Detailed description of Approach, Methodology and Work Plan for performing the assignment (Mandatory)	Bidder has not submitted Technical drawings and datasheets for work, which is a mandatory requirement.
12	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)	Bidder has not produced detailed Degree Certificates, PEC certificates or Pay slips of the Core Staff that will be assigned for work and are working with the firm for the last three (03) years, which is a mandatory requirement.
15	Copy of valid registration certification with AEDB / PPIB (C1 category) and in case of JV then registration in C1 category for all JV partners at AEDB/ PPIB is must (Mandatory)	Bidders is not registered/ produced certificate of AEDB / PPIB in C1 category, which is a mandatory requirement.

• **M/s. EBR Energy JV IEC**

M/s. EBR Energy JV IEC 1st stage proposal was evaluated against the mandatory requirement criteria as contained in Table 1. The bidder has participated in the bid by forming a JV. Some minor shortcomings of the bidder in respect of the mandatory criteria are listed in Table 4.

Table 4: M/s. EBR Energy JV IEC Eligibility Evaluation Summary

Req. No.	ELIGIBILITY REQUIREMENT	REMARKS
5	Registration with Pakistan Engineering Council (PEC) in C3 category or above having specific codes of EE02, EE04, EE06, EE11 (Solar), EE11 (General Electrical Works), CE01 and CE10 and related specialization codes related to Solar Power Energy Installation and minimum 5 years post registration PEC certificates and working experience (Mandatory)	The Biometric verification of Engineers of the leading firm is pending with Pakistan Engineering Council.
12	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)	Bidder has not produced pay slips of the Core Staff that will be assigned for work and are working with the firm for the last three (03) years.

▪ **M/s M.D.S. & Co.**

M/s. M.D.S 1st stage proposal was evaluated against the mandatory requirement criteria as contained in Table 1. The key shortcomings of the bidder, i.e. the mandatory requirements which they do not meet are listed in Table 5.

Table 5: M/s. M.D.S & Co. Eligibility Evaluation Summary

Req. No.	ELIGIBILITY REQUIREMENT	REMARKS
1	Registered with Security Exchange Commission of Pakistan (SECP) (Mandatory)	Bidder is not registered/ produced its registration certificate with Security and Exchange Commission of Pakistan (SECP), which is a mandatory requirement.
2	Valid copy of registration certificate of firm with Electrical Inspectorate Hyderabad Region (Mandatory)	The Bidder's license of Electrical Inspectorate Hyderabad Region is expired, which needs to valid till the bid validity period at least. Bidder fails is this mandatory requirement.
3	Registered with Sindh Revenue Board (SRB) (Mandatory)	Bidder is registered with Sindh Revenue Board (SRB) but its status with SRB is "Non-Active". Bidder fails is this mandatory requirement.
6	At least one similar nature works having minimum cost 80% of the estimated cost of the work OR atleast two similar nature works having minimum cost 50% of the estimated cost (Mandatory)	The bidder does not have completed any similar nature of works having 80% of the estimated cost OR at least two similar nature of works having minimum 50% of the estimated cost. Bidder does not meet this mandatory requirement.

7

Req. No.	ELIGIBILITY REQUIREMENT	REMARKS
7	Audited Financial Statements / Accounts Statements showing financial position of last Five (05) years starting from 1st July 2018 to 30th June 2023 (Mandatory)	Bidder has not produced Audited Financial Statements of last five (05) years, which is a mandatory requirement.
11	Detailed description of Approach, Methodology and Work Plan for performing the assignment (Mandatory)	Bidder has not submitted Technical drawings and datasheets for work, which is a mandatory requirement.
12	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)	Bidder has not produced detailed Degree Certificates, PEC certificates or Pay slips of the Core Staff that will be assigned for work and are working with the firm for the last three (03) years, which is a mandatory requirement.
14	Affidavit on stamp paper of Rs. 100/- that the firm is not blacklisted or in litigation by / with any public or private sector organization in Pakistan. The Blacklisting undertaking should be from each JV partner instead of the alone (Mandatory)	Bidder has submitted the affidavit without attesting the stamp of the company on the legal paper, which is a mandatory requirement.
15	Copy of valid registration certification with AEDB / PPIB (C1 category) and in case of JV then registration in C1 category for all JV partners at AEDB/ PPIB is must (Mandatory)	Bidders is not registered/ produced certificate of AEDB / PPIB in C1 category, which is a mandatory requirement.

In addition to the above, M/s. M.D.S has not submitted the letter of Technical Bid as per requirement of the bidding document and most of the documents submitted by the bidder are in unorganized manner, indecipherable and difficult to comprehend

The summary of Eligibility/ Evaluation of all the bidders is provided in Appendix-A.

4.1.1 Summary of Bidders Eligibility Requirement

Following detailed qualification/eligibility evaluation, of three bidders under this stage, against the mandatory criteria/requirements, committee concluded and devised following recommendations.

- The bids submitted by the bidders M/s. Surge Energies (Pvt.) Ltd, and M/s. M.D.S may be rejected as per ITB clause 3 and 26) and SPPRA Guideline 7.6(A/1)
- The bids submitted by M/s. EBR Energy JV IEC may be considered for further evaluation and required clarification be sought.

In light of the above, the only 1st stage proposal submitted by M/s. EBER Energy JV IEC is generally found meeting the mandatory criteria/requirements, as such, considered for the qualification evaluation in the following section.

4.2 Bidder's Qualification

Following completion of the eligibility criteria evaluation only one bid of M/s. EBR Energy JV IEC has been found generally meeting the mandatory requirements of the bid. As such, for the qualification evaluation as per Table 2 only M/s. EBR Energy JV

8

IEC has been considered. This only bid has been, therefore, evaluated three qualification criteria on the basis of Experience, Personnel and Financial Capabilities and assigned quantitative score as per Tables 6-8.

▪ Experience Record (50 Marks)

Table 6: Experience Record Marking Criteria

S. No.	Description	Marks	Explanation for Awarding Marks
1.	Solar PV Projects have been completed in last five years. No Marks will be awarded for projects less than 1MW.	20	20 Marks will be awarded if the Bidder has completed a minimum of 04 solar projects (having size of 1MW or higher) in last five years. For less than 4 projects completed the following weightage shall be used. = 20 x (A/4) A= No. of Solar Projects of 1MW+ Completed
2.	Solar PV Projects at 11KV termination completed in last five years. (at least one project of 1MW or higher must be at 11KV termination) No Marks will be awarded for projects less than 1MW.	10	10 Marks will be awarded if the Bidder has completed minimum 01 solar project (having size of 1MW or higher) at 11KV termination in last five years. Marks will be awarded based on Yes or No with project details as evidence and the same projects will be visited by the employer to check the quality of products and services.
3.	Solar PV Projects awarded and are under construction and yet to be commissioned. No Marks will be awarded for projects less than 2MW PV capacity for each projects.	10	Full Marks will be given if the Bidder has maximum of 02 project (02MW or higher) in-hand. For less than 02 projects of 2MW or higher are in-hand, use the following weightage. = 10 x (A/2) A= No. of Solar Projects of minimum 2MW or higher are under-construction
4.	Solar PV Projects awarded and are under construction and yet to be commissioned and terminated at 11KV or 6.3KV voltage. (at least one project of 02MW or higher must be at 11KV or 6.3KV voltage termination) No Marks will be awarded for projects if the PV Capacity is less than 2MW and if the termination is not at High Voltage.	10	Full Marks will be awarded if the Bidder has minimum 01 solar project (having size of 2MW or higher) at High voltage termination in-hand / under-construction. Marks will be awarded based on Yes or No.
Total Marks Allocated			50





▪ Personnel Capabilities (25 Marks)

Table 7: Personnel Capabilities Marking Criteria

S. No.	Description	Marks	Explanation for Awarding Marks
1.	Professional Electrical Engineers	10	10 Marks will be given if at least 02 BE/ B.Sc (Professional Electrical Engineers) are in employment with the firm. Submission of evidence (computerized payment receipt income tax "CPT-IT" certificates) that both professional engineers are attached with the firm is MUST. For less than 02 Professional Electrical Engineers, use the following weightage. =10 x (A/2) A= No. of Professional Electrical Engineers.
2.	Registered Electrical Engineer	08	08 Marks will be given if at least 04 BE/ B.Sc Electrical Engineers (Registered Electrical Engineers) are in employment with the firm. Submission of evidence (computerized payment receipt income tax "CPT-IT" certificates) that both professional engineers are attached with the firm is MUST. For less than 04 Registered Electrical Engineers, use the following weightage. =08 x (A/4) A= No. of Registered Electrical Engineers.
3.	Registered Civil Engineer	02	Full Marks will be given if at least 01 BE/ B.Sc Civil Engineer (Registered Civil Engineer) is in employment with the firm. Submission of evidence (computerized payment receipt income tax "CPT-IT" certificates) that both professional engineers are attached with the firm is MUST Marks will be awarded based on Yes or No.
4.	Diploma Engineer in Employment of the Firm	05	One Mark will be given for each of 05 Associate Engineers in employment with the firm. Submission of evidence (computerized payment receipt income tax "CPT-IT" certificates) that both professional engineers are attached with the firm is MUST For less than 05 DAE Engineers, use the following weightage. =05 x (A/5) A= No. of DAE Engineers.
Total Marks Allocated		25	

▪ Financial Capabilities (25 Marks)

Table 8: Financial Capabilities Marking Criteria

S. No.	Description	Marks	Explanation for Awarding Marks
1.	Working Capital in last five years.	15	100% Marks will be given if the available average working capital for last five years and available bank credit line found not less than Rs:526.624 Million. No mark shall be awarded if the working capital is less than the amount Rs:526.624 million
2.	QMS ISO certified 9001, 14001	10	No points will be given if certificate is not attached, and 10 points will be given in case of valid certificate.
Total Marks Allocated		25	

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Since only one bidder, M/s. EBR Energy in joint venture with IEC, met the eligibility criteria, thus only their bid has been evaluated on qualifications criteria. The marks obtained by the bidder in each of the qualification criteria are contained in Table 9.

Table 9: Qualification Criteria Scoring of M/s. EBR Energy JV IEC

S. No	Category	Marks	Marks Obtained by M/s EBR Energy JV IEC	Remarks
01	Experience Record	50	35	Pass
02	Personal Capabilities	25	22	Pass
03	Financial Soundness	25	25	Pass
Total		100	82	Qualified

It is evident that bidder M/s. EBR Energy in joint venture with IEC have secured a score of 82 out of 100. The minimum score required for a bidder to qualify is 50. Therefore, M/s. EBR Energy JV IEC has successfully met the qualification criteria.

5. Conclusion and Recommendations

In this project, there were a total of six (6) bids submitted as per list provided in the section 2 of this report. However, bids of M/s. Renewable Power and M/s. Renewable Star Limited were without the requisite tender fee of Rs. 5000/-, as such, were not considered by the procurement committee and thus rejected. It also emerged during the bid opening that 1st Stage Envelope of bidder M/s. M/s. Hafiz Rabnawaz & Co. has revealed the bid security amount thus disclosing their bid amount before the financial opening was also not considered by the committee and their financial proposal returned to their representative unopened.

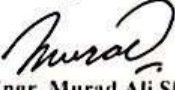
The 1st stage bids submitted by the remaining 03 bidders listed as under were found in order i.e. meeting the NIT/bid requirement.

- M/s. Surge Energies (Pvt.) Ltd.
- M/s. EBR Energy JV IEC
- M/s. M.D.S. & Co

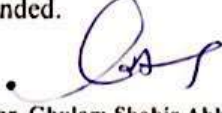
Following detailed eligibility evaluation, it emerged that bids submitted by the bidders M/s. Surge Energies (Pvt.) Ltd, and M/s. M.D.S doe does not meet the mandatory requirement criteria as per ITB clause 3 and 26) and SPPRA Guideline 7.6(A/1), as such, recommended for rejection.

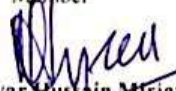
In the meantime, qualification evaluation of the only eligible bidder M/s. EBR Energy JV IEC found satisfactory as the bidder has secured a score of 82 out of 100.

In light of above the detailed technical evaluation and financial opening of the bid submitted by the bidder, M/s. EBR Energy JV IEC is recommended.


(Engr. Murad Ali Shah)
Member


(Engr. Tanveer Gulfam Memon)
Member


(Engr. Ghulam Shabir Abbasi)
Member


(Dr. Nayyar Hussain Mirjat)
External Member (Expert)


(Mr. Uned Ahmed)
Member


(Engr. Sagheer Ahmed Memon)
Member


Prof. Dr. Abdul Sillur Shah
Convener

Appendix – A

SUMMARY OF BIDDERS ELIGIBILITY

S. No.	Requirement	M/s EBR Energy JV IEC	M/s Surge Energies (Pvt) Ltd.	M/s MDS & Co
1	Registered with Security Exchange Commission of Pakistan (SECP) (Mandatory)	Submitted	Submitted	Not Submitted
2	Valid copy of registration certificate of firm with Electrical Inspectorate Hyderabad Region (Mandatory)	Submitted	Not Submitted	Expired License
3	Registered with Sindh Revenue Board (SRB) (Mandatory)	Submitted	Submitted	Registered but non-Active
4	Registered with FBR/NTN/Sales Tax Number (Mandatory)	Submitted	Submitted	Submitted
5	Registration with Pakistan Engineering Council (PEC) in C3 category or above having specific codes of EE02, EE04, EE06, EE11 (Solar), EE11 (General Electrical Works), CE01 and CE10 and related specialization codes related to Solar Power Energy Installation and minimum 5 years post registration PEC certificates and working experience (Mandatory)	Submitted	Submitted (Does not have EE02 code, PEC registration on 14th June, 2021)	Submitted
6	Atleast one similar nature works having minimum cost 80% of the estimated cost of the work OR atleast two similar nature works having minimum cost 50% of the estimated cost (Mandatory)	Submitted	Does not have sufficient working experience	Does not have sufficient working experience
7	Audited Financial Statements / Accounts Statements showing position of last Five (05) years starting from 1st July 2018 to 30th June 2023 (Mandatory)	Submitted	Audited Statements of years 2020, 2021, 2022 & 2023 are submitted	Audited Statements of years 2018, 2019, 2020, 2021 & 2022 are submitted
8	Letter of Association / Consortium, if applicable attached	Submitted	Not Applicable	Not Applicable
9	Copy of Work Orders and Completion / Performance certificates of the completed projects and projects in hand (Mandatory)	Submitted	Submitted	Submitted
10	Declaration by authorized person to submit the bid signed and attached	Submitted	Submitted	Submitted
11	Detailed description of Approach, Methodology and Work Plan for performing the assignment (Mandatory)	Submitted	Submitted (Drawings & Technical Specification of the equipments are undefined)	Submitted (Drawings & Technical Specification of the equipments are undefined)
12	Detailed CVs of the Core Staff that will be assigned for the assignment and working with the firm for last three (03) years along with copies of qualification certificates (Degree, PEC certificate & other) (Mandatory)	Submitted	Provided (certificates and salary slips are not attached)	Provided (certificates and salary slips are not attached)
13	Registration certificates with Autonomous bodies / Private Entities (National or International if any supplement requirement)	Submitted	Not Submitted	Not Submitted
14	Affidavit on stamp paper of Rs. 100/- that the firm is not blacklisted or in litigation by / with any public or private sector organization in Pakistan. The Blacklisting undertaking should be from each JV partner instead of the alone (Mandatory)	Submitted	Submitted	Affidavit submitted without attesting the stamp of the company
15	Copy of valid registration certification with AEDB / PPIB (CI category) and in case of JV then registration in CI category for all JV partners at AEDB / PPIB is must (Mandatory)	Submitted	Not Submitted	Not Submitted

12

Annexure-D: Financial Opening Record



Office of the Incharge Project Director
Jamshoro

OFFICE OF THE INCHARGE PROJECT DIRECTOR
HEC FUNDED PROJECT UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN

No. SU/ADPP/PO3/08
Dated 27 08 2024

ATTENDANCE SHEET

Opening of Financial Proposals for Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of Two (02.25) MW Solar Grid (on 11KV) Connected Plant UNDER THE SCHEME Solarization of Sindh University Campus, Jamshoro. (SDG # 4) At Allama Iqbal Campus University of Sindh at Jamshoro.
Opening of Financial Proposal: 22-00-2024, at 11:30 A.M
SPPRA ID: 10051-23 0004 No. SU/ADPP/PO3/08 Dated: 08-04-2024
Procurement Procedure: (Single Stage Two Envelope Procedure)

S-NO	Name of Bidder/Representative /CNIC No/Mobile No	Tender Fee/CD, PO No/ date	Bid Amount	Signature
1	Adeel Ahmed Memon 41206-5849251-1 0300-8414809	27630849 07-05-2024 8,455,200	422,003,7976	 (Adeel Ahmed Memon)

Engr. Tanveer Gulam Memon
Member/Secretary

Dr. Nayyer Hussain Mirjat
External Member
(Expert)

Mr. Umed Aftab
Member


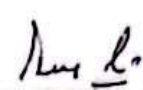
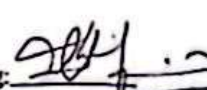
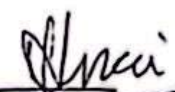
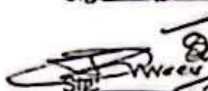



Engr. Sagheer Ahmed Memon
Member

Engr. Ghulam Shabir Abbasi
Member

Engr. Murad Ali Shah
Member

Prof. Dr. Faizul Sultan Shah,
Convener

Annexure-E: Attendance record of the Bidder's Presentation

1-	Prof. Dr. Abdul Sattar Shah, Pro-Vice Chancellor, University of Sindh Jamshoro	Convener	Sig:  29/8-2024
2-	Engr. Sagheer Ahmed Memon Director (Strategic Planning) W&S MUET Jamshoro	Member	Sig:  29/8/24
3-	Mr. Umed Ali Rind Member Syndicate and Assistant Professor Department of Statistics University of Sindh Jamshoro	Member	Sig:  29/8/24
4-	Dr. Nayyer Hussain Mirjat Associate Professor MUET Jamshoro	External Member (Expert)	Sig: 
5-	Engr. Tanveer Gulfam Memon Incharge Project Director (Solarization) University of Sindh Jamshoro	Member/Secretary	Sig:  29-8-2024 29/8/24
6-	Engr. Ghulam Shabir Abbasi Incharge Project Director Sindh University Engineering Wing	Member	Sig:  29.08.24
7-	Engr. Murad Ali Shah Assistant Engineer (Civil) Sindh University Engineering Wing	Member	Sig: 
8-	<u>Riaz</u> Director EBR Pvt. Ltd. (IEC Joint venture)	Bidder	Sig: 



Annexure-D: Financial Opening Record



Office of the Incharge Project Director
HEO Funded Project University of Sindh
Jamshoro

OFFICE OF THE INCHARGE PROJECT DIRECTOR
HEO FUNDED PROJECT UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN

No. SU/ADPP/POs/08
Date: 22-08-2024

ATTENDANCE SHEET

Opening of Financial Proposals for Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of Two (02.25) MW Solar Grid (on 11KV) Connected Plant UNDER THE SCHEME Solarization of Sindh University Campus, Jamshoro, (SDG # 4) At Allama I.I Kazi Campus University of Sindh at Jamshoro.
Opening of Financial Proposal: 22-08-2024, at 11:30 A.M
SPPRA ID: T00081-23 0004 No. SU/ADPP/POs/08 Dated: 08-04-2024
Procurement Procedure: (Single Stage Two Envelope Procedure)

S. NO	Name of Bidder/Representative /CNIC No/Mobile No	Tender Pcc/CD, PO No/ date	Bid Amount	Signature:
1	Adeel Ahmed Memon 41206-5849251-1 0300-8414809	27638849 07-05-2024 8,453,200	1,22,003,797	 (Adeel Ahmed Memon)

Engr. Tanveer Gulam Memon
Member/Secretary

Dr. Nayyer Hussain Mirjat
External Member
(Expert)

Mr. Umed Al-Find
Member


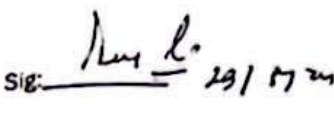
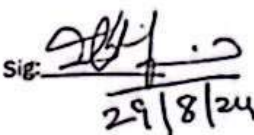
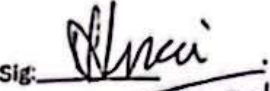
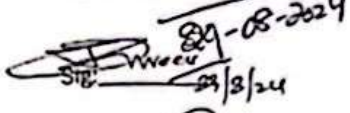



Engr. Sagheer Ahmed Memon
Member

Engr. Ghulam Shabir Abbasi
Member

Engr. Murad Ali Shah
Member

Prof. Dr. Tahir Ghaffar Shah,
Convener

Annexure-E: Attendance record of the Bidder's Presentation

1-	Prof. Dr. Abdul Sattar Shah, Pro-Vice Chancellor, University of Sindh Jamshoro	Convener	Sig:  29/8-2024
2-	Engr. Sagheer Ahmed Memon Director (Strategic Planning) W&S MUET Jamshoro	Member	Sig:  29/8/24
3-	Mr. Umed Ali Rind Member Syndicate and Assistant Professor Department of Statistics University of Sindh Jamshoro	Member	Sig:  29/8/24
4-	Dr. Nayyer Hussain Mirjat Associate Professor MUET Jamshoro	External Member (Expert)	Sig: 
5-	Engr. Tanveer Gulfam Memon Incharge Project Director (Solarization) University of Sindh Jamshoro	Member/Secretary	Sig:  29-08-2024 29/8/24
6-	Engr. Ghulam Shabir Abbasi Incharge Project Director Sindh University Engineering Wing	Member	Sig:  29.08.24
7-	Engr. Murad Ali Shah Assistant Engineer (Civil) Sindh University Engineering Wing	Member	Sig: 
8-	<u>Riaz</u> Engr. Riaz Ahmed Director EBR Pvt Ltd. (IEC Joint venture)	Bidder	Sig: 





OFFICE OF THE INCHARGE PROJECT DIRECTOR
SOLARIZATION UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN

Incharge Project Director
Solarization
Tel:022-9213265

No.SU/ADPP/IPDS/ 68
Dated: 31 /10/2024

To,

M/s EBR Energy/IEC (Joint Venture)
Office at 4th Floor National Tower-28
Egerton Road Lahore.

Subject: Work Order

Project: *Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KV) Connected Plant.*

With reference to your tender referred for the work, "Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KV) Connected Plant" against scheme titled, "Solarization of Sindh University Campus, Jamshoro (SDG # 4)" funded by Government of Sindh and University of Sindh, it is to inform you that Solar Power Plant of 2.45 MW PV Generation Capacity for an amount Rs.422,002,599.90.00 (Rupees Four Hundred Twenty-Two Million Two Thousand Five Hundred Ninety-Nine and Ninety Paises only) without escalation with a completion period of (12) Months, offered by you have been accepted and approved by the competent authority of the University, as per details given below:-

Description	Qty	Unit	Amount (Rs.)	Capacity (MW)
Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KV) Connected Plant, having PV Capacity of 2.45 MW	1	Job	422,002,599.9	2.45
(PART-A) (SUPPLIES)				
Solar Modules			Rs.122,244,018.67	
(PART-B) (SUPPLIES)				
Solar Equipment			Rs.231,451,056.31	
(PART-C) (SERVICES)				
Installation, Testing & Commissioning			Rs.24,530,993.94	
Net Metering			Rs.7,434,616.23	
Operations & Maintenance (O&M)			Rs.3,832,243.57	
(PART-D) (WORKS)				
Civil Works			Rs.32,509,671.18	
Total Amount of Parts (A+B+C+D)			Rs.422,002,599.9	



Wweev

The following terms & conditions are enforced in the Agreement:

- i. Payments shall be made to the contractor within thirty (30) days after submission of bills.
- ii. Exaggerated bills will be discouraged.
- iii. Penalty clause shall be invoked on delay in completion of work on the part of Contractor.
- iv. Delay to be caused due to natural calamities and release of funds by the Government, will be entertained.
- v. The contractor's payment amount will be subject to all applicable taxes (including income tax, sales tax and SRB) in accordance with the rules and regulations governed by the relevant agencies as well as any subsequent modifications or amendments. The procuring agency will deduct all applicable taxes from the contractor's payable amount in accordance with the prevailing rules and regulations at the time of payment.
- vi. 5% retention money will be deducted from each interim payment certificate bill.
- vii. The Contractor has to submit work Schedule/Detailed Work Methodology before mobilization at site.
- viii. Geo-Technical/Soil Investigation is to be carried out before the start of work at site.
- ix. Catalogue of all major instruments/equipment prior to placement of order to be submitted to undersigned for approval.
- x. The contractor shall submit in writing to the Engineer Incharge for approval before the start of all major activities at site.
- xi. The contractor shall be liable for all hazards as witnessed during the course of work, if any to rectify, the Procuring agency shall not pay him at any stage.
- xii. No Escalation / Difference of Cost shall be allowed/paid extra on any item. However, if the University desires any additional scope of works/supplies then the amount against the additional scope/works/supplies will be allowed/paid. The University will issue written approval to the Contractor for the desired additional scope / works / supplies.
- xiii. All taxes direct/indirect shall be borne by the contractor.
- xiv. 2% water charges shall be deducted from each bill of civil works related items only if the water is provided by the procuring agency "University".
- xv. It is the responsibility of the Contractor to arrange the net metering license from concerned departments, i.e. DISCO/NEPRA on his own cost. However, the University will provide all required documents necessarily required for net metering application.
- xvi. The contractor shall arrange all PPE's/Insurance to appointed staff at his own risk & cost.
- xvii. That all ToRs/RFP/complying documents are part & parcel to this Contract Agreement for references/governing/ruling.
- xviii. All applicable rules of regulatory bodies entitled to this contract come into force/invoke/exercises to set-aside the matter.




31/10/2024

**Incharge Project Director,
Solarization**

Cc to:

1. Secretary to Vice Chancellor, University of Sindh Jamshoro.
2. Director Finance, University of Sindh Jamshoro.



OFFICE OF THE INCHARGE PROJECT DIRECTOR
SOLARIZATION PROJECT OF UNIVERSITY OF SINDH
JAMSHORO SINDH PAKISTAN

Incharge Project Director
Solarization
Tel: 022-9213265

No.SU/ADPP/IPDS/58
Dated: 08.10.2024.

To,

M/s EBR Energy/ IEC (Joint Venture)
Office at 4th Floor National Tower-28
Egerton Road Lahore.

Subject: Letter of Acceptance.

Project: Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11kV) Connected Plant UNDER THE SCHEME, Solarization of Sindh University Campus, Jamshoro. (SDG # 4)

Herein after notified that your submitted bid referred to the subject project found to be most advantageous with lowest bid cost **Rs:422,002,599.9** in words (**Rupees Four Hundred Twenty Two Million Two Thousand Five Hundred Ninety Nine Rupees & Ninety Paisas Only**) against Solar PV Plant capacity of 2.45 MW is accepted by the Competent Authority.

You are advised to furnish 5% Performance Security, as stated in condition of contract refer clause-4.4 it's validity after expiry of Service Level Agreement (SLA) and attend this office for further contractual correspondence / execution of contract agreement.

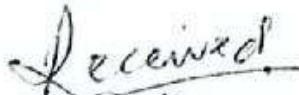
Furthermore, sign & stamp this "Letter" as a token of acceptance.


8/10/24

Engr. Tanveer Gulfam Memon
Incharge Project Director,
Solarization

Cc to:

1. The Secretary to Vice Chancellor, University of Sindh, Jamshoro.
2. The Convener Procurement Committee, University of Sindh, Jamshoro.


8/10/2024





(Deputy Manager Admin & Finance)



Description	Qty	Unit	Amount (Rs.)	Capacity (MW)
Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KV) Connected Plant, having PV Capacity of 2.45 MW	1	Job	422,002,599.9	2.45
(PART-A) (SUPPLIES)				
Solar Modules			Rs. 122,244,018.67	
(PART-B) (SUPPLIES)				
Solar Equipment			Rs. 231,451,056.31	
(PART-C) (SERVICES)				
Installation, Testing & Commissioning			Rs. 24,530,993.94	
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Operations & Maintenance (O&M)			Rs. 3,832,243.57	
(PART-D) (WORKS)				
Civil Works			Rs. 32,509,671.18	
Total Amount of Parts (A+B+C+D)			Rs. 422,002,599.9	

Now this Agreement witnesses as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents which, for the purpose of identification, have been signed by **Mr. Muhammad Adeel Khan (General Manager Projects)** on behalf of the **Contractor**, and by **Mr. Tanveer Gulfam Memon (Incharge Project Director, Solarization)** on behalf of the **University**, all of which shall be deemed to form and be read and construed as a part of this Agreement viz.:
 - i. The Bid Documents,
 - ii. The Letter of Acceptance,
 - iii. The Bid Reference No. SPPRA Website on 17-04-2024 SPPRA ID: T00881-23-0004 No. SU/ADPP/IPDS/08, published in daily newspaper Daily, Dawn, Daily Jung & Daily Kawish on 16-04-2024,
 - iv. The Special Conditions of Contract,
 - v. The General Conditions,
 - vi. The priced Bill of Quantities quoted by bidder.
 - vii. The Technical Specifications (Bill of Quantities),
 - viii. The Technical Report prepared by Technical Evaluation Committee,
 - ix. Performance Bond,
 - x. Bid Security,
 - xi. Procuring Agency order to commence the works,
 - xii. Risk Quality Assurance Policy,
 - xiii. Health, Safety & Environment Policy.
3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned under "Conditions of Contract", the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the contract.



4. Procuring Agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

The following terms & conditions are enforced in the Agreement:


- i. Payments shall be made to the contractor within thirty (30) days after submission of bills.
- ii. Exaggerated bills will be discouraged.
- iii. Penalty clause shall be invoked on delay in completion of work on the part of Contractor.
- iv. Delay to be caused due to natural calamities, force majeure and release of funds by the Government, will be entertained.
- v. The contractor's payment amount will be subject to all applicable taxes (including income tax, sales tax and SRB) in accordance with the rules and regulations governed by the relevant agencies as well as any subsequent modifications or amendments. The procuring agency will deduct all applicable taxes from the contractor's payable amount in accordance with the prevailing rules and regulations at the time of payment.
- vi. 5% retention money will be deducted from each interim payment certificate bill.
- vii. The Contractor has to submit work Schedule/Detailed Work Methodology before mobilization at site.
- viii. Geo-Technical/Soil Investigation is to be carried out before the start of work at site.
- ix. Catalogue of all major instruments/equipment prior to placement of order to be submitted to undersigned for approval.
- x. The contractor shall submit in writing to the Engineer Incharge for approval before the start of all major activities at site.
- xi. The contractor shall be liable for all hazards as witnessed during the course of work, if any to rectify, the Procuring agency shall not pay him at any stage.
- xii. No Escalation / Difference of Cost shall be allowed/paid extra on any item. However, if the University desires any additional scope of works/supplies then the amount against the additional scope/works/supplies will be allowed/paid. The University will issue written approval to the Contractor for the desired additional scope / works / supplies.
- xiii. All taxes direct/indirect shall be borne by the contractor.
- xiv. 2% water charges shall be deducted from each bill of civil works related items only if the water is provided by the procuring agency "University".
- xv. It is the responsibility of the Contractor to apply for the net metering license from concerned departments, i.e. DISCO/NEPRA on his own cost. However, the University will provide all required documents necessarily required for net metering application.
- xvi. The contractor shall arrange all PPE's/Insurance to appointed staff at his own risk & cost.
- xvii. That all ToRs/RFP/complying documents are part & parcel to this Contract Agreement for references/governing/ruling.
- xviii. All applicable rules of regulatory bodies entitled to this contract come into force/invoke/exercises to set-aside the matter.





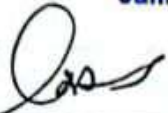
In Witness Thereof the parties have hereunto set their respective hands and seals, the day, month and year first above written in accordance with their respective laws.


Signed, Sealed and Delivered in the presence of:

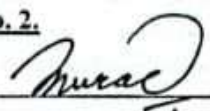
WITNESSES:


University:  31/10/24
**INCHARGE PROJECT DIRECTOR
(Solarization)
University of Sindh,
Jamshoro.**

Contractor:  31/10/24


Witness No. 1: 
Signature: _____
Name: Ghulam Shabir Abbas
Designation: Incharge project Director

Witness No. 1: 
Signature: _____
Name: RIAZ AHMED
Designation: Operations Director

Witness No. 2: 
Signature: _____
Name: SYED MUHAMMAD MURAD SHAH
Designation: ASSISTANT ENGINEER

Witness No. 2: 
Signature: _____
Name: Adeel Ahmed Memon
Designation: Deputy Manager

FINANCIAL PROPOSAL

- Letter of Financial Bid

- Annexure - 16 Financial Bid (item-wise cost)
- Annexure - 17 Bid Security
- Annexure - 18 Integrity Pact

[Handwritten signatures and initials in blue ink]

[Circular stamp: EBR ENERGY - I.E.C JV]

HEAD OFFICE

4th Floor, National Tower, 28 - Egerton Road, Lahore, Pakistan.
Phone: +92 42 3630 4861-5 Fax: +92 42 3630 4866
Info@ebr-energy.pk www.ebr-energy.pk

REGIONAL OFFICES

HYDERABAD: B-38, Gulshan-e-Mustafa, Bhetal Town, Qasimabad, Hyderabad, Sindh
QUETTA: M. Shahi House, Faizabad, Saryab Road, Quetta, Balochistan.

LETTER OF FINANCIAL BID

Dated: 7th May 2024

Bid Reference No. SU/ADPP/IPDS/08

To,

IN-CHARGE PROJECT DIRECTOR
(Solarization)
University of Sindh Jamshoro,
JAMSHORO.

We, the undersigned, declare that:

a. We have examined and have no reservations to the bidding documents, including Addenda issued in accordance with instructions to Bidders (IB).

b. The software based total Kilo-watt-hour generation through Solar Power System is:
KWh for Plant-1:

- 1901.2 MWh @ P50
- 1766.5 MWh @ P90
- 1656.8 MWh @ P99

KWh for Plant-2:

- 1873.9 MWh @ P50
- 1741.2 MWh @ P90
- 1633.0 MWh @ P99

Grand Total Energy Generation KWh (Plant-1 + Plant-2):

- 3775.1 MWh @ P50
- 3507.7 MWh @ P90
- 3289.8 MWh @ P99

c. Our Bid shall be valid for a period of (90) days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

d. If our Bid is accepted, we commit to obtain and post a performance security in accordance with the Bidding Documents.

e. We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed, and we do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the works.

②



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REGIONAL OFFICES

HYDERABAD: B-38, Gulshan-e-Mustafa, Bhetai Town, Qasimabad, Hyderabad, Sindh
QUETTA: M. Shahi House, Faizabad, Saryab Road, Quetta, Balochistan.

EBR Energy Pakistan (Pvt.) Limited

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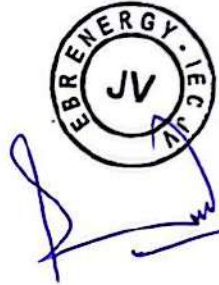


- f. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- g. We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB 11.1 of the Bidding Data; and
- h. If awarded the contract, the person named below shall act as Contractors Representative.

Name: Dildar Hussain

In the capacity of: GM Operations

Signed:



Duly authorized to sign the Bid for and on behalf of: EBR Energy-IEC (JV) Partners

Date: 7th May 2024

Address: 4th Floor, National Tower, 28 Egerton Road, Lahore.

(3)

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FINANCIAL BID

FINANCIAL BID OFFER (ITEM-WISE COST)							
PROJECT NAME: Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KVA) Connected Plant							
PART-I: BILL OF QUANTITIES FOR SOLAR EQUIPMENTS							
S.N	Components	Specification	Origin	Qty.	COST (PKR) (EXC. OF GST)	GST/PST (PKR)	Amount (PKR) (INCL. TAXES)
1	Solar Modules	Tier-1 (Latest Technology of N Type Bifacial 540w or higher Solar Cell: 144, Connector QC: 1500V, IC: 1P68 operating Temperature: -40°C to +85°C Safety class: II, Fire Performance: UL type I 12-year product warranty 30-year linear power output warranty IEC 61215, IEC 61730 (With Positive tolerance) ISO 9001: 2015 Quality management systems ISO 14001: 2015 Environmental management ISO 45001: 2018 Occupational Health and safety management systems IEC TS 62941: 2019 Terrestrial photovoltaic (PV) modules, Quality system for PV module manufacturing	Canadian Solar (500Wp) TOPBIHiKu6 N-type Bifacial TOPCon Technology	2.45 MW	122,244,018.7		122,244,018.7
2	Inverters	2000W or higher wattage inverter (99% efficiency) Isolation method feature. Power factor at nominal power / Adjustable power factor must be within Engineering standard. Protection degree: IP66 String level disconnection feature, IV diagnosis, Built in AC&DC SPD, SSLD IEC certificate tripping, Harmonics less than 1%, Modbus communication, SCTD, smart connector temperature detector Operating ambient temperature range: -25 to 60 °C Cooling method: Smart Air cooling, Q at night function, LVRT, HVRT, active & reactive power control and power ramp rate control. IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683	HAUWEI Smart String Inverter SUN2000-330KTL-H2	6 Nos.	21,143,670.2	3,805,860.6	24,949,530.8
3	Monitoring Device	Support of RS485, Ethernet and WiFi communication, energy meter, meteo station, sensors and other equipment must be class B or A. PV-Plant maintenance via remote Web access for optimized OPEX. Active and reactive power control Local monitoring. Operating Temperature: -10°C ~ 60 °C Storage Temperature: -40 °C ~ 70°C Relative air humidity: <95 % (non-condensing)	HAUWEI SmartLogger3000A	2 Nos.	619,671.6	111,540.89	731,212.5
4	Weather Monitoring Devices	Temperature (ambient and cell), humidity, wind and 02 Pyranometers for (GHI measurement) at the meteorological station in the horizontal plane 0 to 2000 W/m ² , 205 to 2800 nm, -40°C to 80°C Prerequisite: Accuracy Class: +/- 2.0% Product selection as per IEC - 61724-1	Seven Sensor Solutions (SS) (TURKEY ORIGIN)	1 Set.	1,179,343.2	212,281.78	1,391,625.0
5	SCADA Systems	Plant performance analysis, Calculation, and logging of plant Performance ratio. Monthly & Daily reporting, Suppressed energy calculation, PR Calculation, Automated real-time monitoring system for the acquisition, processing, transmission, storage and archiving & graphic representation Display on-site with real time monitoring + historian will also be maintained in the server placed at each site. Visualization of all measurement values and calculations. Integration of multiple plants, identification of each plant and central monitoring. Lists indicating the precise date and time as well as the specified solution, in the actual occurrence order of events. Operator access to control and operate downstream devices. If provision of command would be available in protection relay the breaker of RMU could also be controlled. Recording and monitoring of energy analyzer over Modbus TCP protocol. Weather Station for measurement of ambient conditions: Temperature, Wind speed, horizontal and incident irradiance to calculate insolation & availability of plant. Identification of Grid & gen-set failure time in a month & also indicate the suppressed energy based on failure of bus-bar. The proposed solution must be including of web license and 1000-2000 tags and 2 x Core i9, 13th generation or RAM 32GB and 2TB SSD Desktop system with display screen, Air conditioner and additional LCD 43 inch of reputed brand. Bidders MUST submit complete design calculations, reports of energy yield (KWh) and PR performance ratio along with technical bid.	Pcvue Arciformatique (FRANCE ORIGIN)	1 Set.	5,930,553.3	1,067,499.59	6,998,052.9
6	Mechanical Mounting Structures	Ground Mount (P2), Hot Dip Galvanized mechanical structure (compatible for Bi-facial PV Module to get maximum Bi-Facial PV gain / effect) suitable to withstand at wind speed of 126-150KM/PH (higher the better for technical evaluation) as per design. Structural Vendor be either imported or PEC Registered if local vendor, having additional certificate of ISO9001:2000 Quality Management system. Design life of product should be 25 years. SAP Report for designing of PV Structural is MUST to submit along with Technical Bid and soft copy for the SAP Model will be asked during bid evaluation (PV area is Rocky)	Local PEC Authorized Manufacturer Design wind speed: 144KM/H (40 M/S)	2.45 MW	47,800,349.9	8,604,062.99	56,404,412.9



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7		MCCB 320A, 3 Pole -800/1000Vac, 25KA IEC 60947-2	ABB (SWITZERLAND ORIGIN)	6 Nos.	1,910,800.7	343,944.12	2,254,744.8
8		ACB, 1250 A, 3 Pole -800/1000Vac, 66KA IEC 60947-2	ABB (SWITZERLAND ORIGIN)	2 Nos.	2,940,947.7	530,990.54	3,400,938.3
9		Low Voltage Combiner, IP54, IEC, IEC 61439 Must be follows IEC 61349 FORMS (FORM 1 - FORM 3) as per site requirement	ABB Authorized Manufacturer	2 Nos.	2,118,850.6	384,993.11	2,523,843.7
10	Low/medium Voltage Switch gear	I/O, 11KV Medium Voltage Panel, Must be included of Cts, PTs, SPD, energy analyzer Relays and customized design Panel, IEC 60298 Type Tested, IEC 60 694, (IEC 62271- 1), IEC 62 271-100, IEC 60 071 - 1, IEC 60 529, IEC 62 271-102, IEC 60 282 - 1, IEC 61 243-5, IEC 60 044 -1, IEC 60 044 -2	Siemens German Origin	2 Nos.	20,555,901.7	3,700,062.31	24,255,964.0
11		I/O, AUX TF Panel, including load distribution circuit breakers CT's, PTs, SPD, energy analyzer Relays and customized design Panel	ABB Authorized Manufacturers	1 Nos.	610,962.7	109,973.28	720,935.9
12		I/O, 11KV Medium Voltage Panel, Must be including HESCO HT Energy Meter, CTs, PTs, Protection relays with separate incoming and outgoing cabinets and HESCO approved, IEC 60 298 Type Tested, IEC 60 694, (IEC 62271-1), IEC 62 271-100, IEC 60 071 - 1, IEC 60 529, IEC 62 271-102, IEC 60 282 - 1, IEC 61 243-5, IEC 60 044 -1, IEC 60 044 -2	WAPDA Approved and ABB Authorized Manufacturer	2 Nos.	9,834,745.6	1,734,254.21	11,368,999.8
13		Mechanical Structure	DTR structure for outgoing feeder including protection component including lightning arrestor, 11KV Horn Gap Fuse, GOS and its accessories, pipe type earthing and installation complete at all aspect	WAPDA Standard	1 Lot	1,225,719.7	220,629.54
14	Protection	Type II, Surge protection Class 60KA	Phoenix Contact (100KA) (GERMAN ORIGIN)	2 Nos.	284,845.9	51,272.27	336,118.2
15	Optical Fiber Cable	12 core Multi mode outdoor rated optical fiber UV resistance, IEC 60793-2-10	Corning (USA ORIGIN)	1 Lot	493,530.7	88,835.53	582,366.2
16	DC Cable	1500Vdc, Tinned copper wire (4mm & 6mm) and DC voltage drop must be less than 1.8% (bidders must submit DC voltage drop calculations with technical bid, must consider design temperature of 50 degree), Standard: EN50618 Flame test: IEC 60332. Cold impact test: -40°C 16h/1000g - 100mm No cracking Dune resistance 25±2°C/24h No cracking Tensile strength of After aging: ≥50% Weathering/UV-resistance: 720h, No cracking Thermal endurance properties: 25 Years	Newage Cables	1 Lot	11,146,538.2	2,006,376.87	13,152,915.1
17	Low/medium Voltage Cable	Inverter output Cable: 120Mm ² , 3Core Cu/XLPE/PVC, Max Temperature: 250 Degree, BS EN 60228, IEC 60502-1 Voltage drop must be less than 0.5% (bidders must submit AC voltage drop calculations along with Amperage calculations considering all derating factors and submit with technical bid, must consider design temperature of 50 degree), Tensile Strength of Insulation (Before Ageing): 12.5 N/mm ² , Tensile Strength of Insulation (After Ageing): -20% variation	Newage Cables	1 Lot	1,670,313.0	300,656.35	1,970,969.4
18		MV Cable: 95 sqmm 3 Core Al or Cu/XLPE/PVC/SWA Voltage drop must be less than 0.5% 8.7/15 (17.5) KV, WAPDA P-29-2010		1 Lot	2,528,157.9	455,068.42	2,983,226.3
19		Main LV Cable: Cable: 185mm ² , 1 Core Cu/XLPE/PVC (02runs/phase) Max Voltage drop must be less than 1%, Temperature: 160 Degree, BS EN 60228, IEC 60502-1, (bidders must submit AC voltage drop calculations along with Amperage calculations considering all derating factors and submit with technical bid, must consider design temperature of 50 degree) Tensile Strength of Insulation (Before Ageing): 12.5 N/mm ² , Tensile Strength of Insulation (After Ageing): -20% variation		1 Lot	2,070,136.3	372,624.53	2,442,760.8
20		2.5sqmm-1 Core, 4sqmm-1 Core, 6sqmm-1 Core, 25sqmm-1 Core, 35sqmm-1 Core, 70sqmm-1 Core, 120sqmm-1 Core, Earthing Cables, Class 01/02, BS EN 60228, BS 6004		1 Lot	2,444,898.6	440,081.74	2,884,980.3
21	11KV incoming and outgoing Termination	11KV Injection including T boots connectors, jumper and other required complete components and its accessories with complete installation testing and commissioning	WAPDA Standard	2.45 MW	1,932,244.7	347,624.04	2,278,868.7
22	Cable trays	Hot dip Galvanized 14/16SWG with SS nut bolts and complete accessories	Hot Dip as per ASTM Standard	1 Lot	2,314,358.7	384,184.57	2,518,543.3
23	HDPE or UPVC Pipes	UPVC or HDPE Pipes with complete accessories	TurkPlast / DADDEX	1 Lot	2,729,719.2	491,349.46	3,221,068.7
24	Earthing Works	AC/DC/MV/DTR structure and Transformer earthing, Minimum resistance: less than 1 Ohm, Earthing material: Copper Earthing sizing as per IEC 60364-5-54	As per AEDB standard	1 Job	1,511,408.9	272,053.60	1,783,462.5
25	Lightning Arrestor	Mini Rating: 60 ΔT, 60µs, ISO 9001,10002, IEC 62561-2, IEC 62561-1 2017 RLY, NFC 17-102 2011, UNE 21 186 2011, TS EN 62305, IP65 rated enclosure, 6 digit display counter pole height value set out in EN 13709 and NFC 17-102	ProTart - NFC 17 102 (TURKEY ORIGIN)	2 Nos.	1,756,596.9	316,187.44	2,072,784.3
26	Step-Up Transformers	1250KVA, 0.8KV - 11KV Step Up Oil Type, Vector group: Dd0, 3 x Winding Temperature with PT100 sensor, IEC 600-76, IEC-60296, IEC 60296 Pressure Relief Valve (with contacts), Oil Thermometer, Double Float Buchholz Relay, Marshalling Box with IP54 including Transformers sheds and Transformer foundations (Rocky area) with boundary fencing (customize having provision for O&M and/or lifting of transformer as per need)	Transpower	2 Nos.	16,378,879.5	2,948,158.31	19,327,037.8

Handwritten signatures and a circular stamp. The stamp contains the text 'EBR ENERGY - IEC JV' around the perimeter and 'JV' in the center. There are several illegible signatures in blue ink.

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27	Step-Down Transformers	AUX 25KVA, 11KV-440V Step down Oil Type, Vector group: Dyn 11, 3 x Winding Temperature with PT100 sensor, IEC 60076, IEC-60296, IEC 60296 with all necessary protections including Transformer sheds and Transformer foundations (Rocky area) with boundary fencing (customize having provision for O&M and/or lifting of transformer as per need)	Transformer	1 Nos.	627,817.1	113,007.08	749,824.2
28	Boundary Fencing	Material: Hot Dip Galvanized Boundary Fencing height: 6ft including 100% civil works: 1. Barbed wire 14 swg x 04 & twisted wire 12 swg 2. pole dia 48-50mm/ 3mm thick. Box 75x75mm, with including civil works with installation. Must be including of one main fencing gate for PV plant entrance.	Hot Dip as per ASTM Standard	1 Lot as per PV Layout	5,844,911.0	1,052,441.90	6,897,352.9
29	Boundary LED Lighting Systems	LED Lights: 50-100Wp Voltage Ranges: 100-277 V PF ≥ 0.95, Colour Temp. (CCT): 3000 - 6500 K, Working Temperature: -40 - +55 C LED Chip Luminous Efficiency Lm/W: ≥ 110-160 HDG Poles: 4-6 meters, 3-4mm thickness including AC Cables plus protection systems and ON/OFF Switches, excavation, RCC foundations, DB Boxes along with complete accessories to cover complete PV Area and new buildings. Must be including of Master Breaker and Bypass Breaker, SPD, Photocell Switch and Magnetic Contactor (bidders must submit complete LED Lighting DIALux design, detailed BOQ and detailed drawings showing illumination and coverage for PV area, control room, new buildings, inverters room, transformers room and residential areas and entrances along with technical bid)	LED Lighting (FAST) Cables (NEWAGE CABLE) 2 LEDs per 1 Pole (Hot Dip) Control DB: Powder Coated	28 Nos. LEDs as per Drawings and BOQ	6,919,712.8	1,245,548.30	8,165,261.1
30	CCTV Cameras	IR Bullet IP Camera & PTZ IP Camera with complete solution. Efficient H.265+ compression technology Water and dust resistant (IP67) 120 dB WDR technology including all accessories having HDG poles and complete networking cables and electrification equipment. The CCTV Solution must be including of HDMI cable, Optical fiber cable, display screen more than 4 Inch reputed brand (bidders must submit complete CCTV design, detailed BOQ and detailed drawings showing coverage for PV area, control room, new buildings, inverters room, transformers room and residential areas and entrances along with technical bid)	Hivision	14 Nos. CCTVs as per Drawings and BOQ	3,330,079.0	599,414.21	3,929,493.2
31	Water Distribution Network	PPRC/HDPE & GI Pipe Network including complete cleaning equipment and accessories for Solar PV Panels. Must be including of control valve and distribution valve system. (bidders must submit complete water networking design, detailed BOQ and detailed drawings showing complete cleaning of PV plant along with technical bid)	PPRC Pipe and Accessories (TURK PLAST)	1 Lot	5,014,260.4	902,566.86	5,916,827.2
32	Fire Alarm system	Fire alarm system complete and directly interface with SCADA system along with fire extinguishers. Design as per ISO 7240-14	Context Plus (UK ORIGIN)	1 Lot	548,368.9	98,706.41	647,075.3
33	Battery backup	UPS along with lithium battery backup system for control system, SCADA system, emergency load (APC or equivalent brand)	APC 3KVA (Schneider) (FRANCE ORIGIN)	1 Lot	808,216.4	145,478.94	953,695.3
33	Battery backup	UPS along with minimum 20KWh battery backup system for boundary LED Lights and CCTVs security surveillance system. Bidder must submit complete design of electrical load and sizing of UPS system.	Pakistan/Chinese: UPS and Tall Tubular Batteries 20KWh	1 Lot	897,679.2	161,582.26	1,059,261.5
34	Technical Reports	Soil investigation analysis including professional / engineering reports of complete area (for PV area, Buildings etc.), two load flow studies, PFI studies, Topographic study, and other required studies, wind loading analysis on proposed angle of panel.	Complete Job	1 Job	2,675,634.9	481,614.28	3,157,249.2
35	Complete Accessories	Electrification installation accessories including for new buildings, LV sheds/ MV sheds/ MV rooms and outdoor lighting system along with required furnitures "Two table and 04 chairs" (complete job)	Complete Job	2.45 MW	5,420,644.6	975,716.03	6,396,360.7
36	Installation, Testing, and Commissioning	Complete installation on turnkey basis-complete with all aspects including transportation of equipments (area: Rocky)	Complete Job	2.45 MW	21,708,844.2	2,822,149.75	24,530,993.9
37	Net Metering	Complete process including documentation, equipment and NEPRA Fees as per NEPRA & DISCO requirements	Complete Job	1 Job	6,579,306.4	855,309.83	7,434,616.2
38	O & M	Preventive maintenance and Corrective Maintenance excluding cleaning of solar panels (for two years). (Professionally experienced Engineer having minimum 2MWs Solar Project experience of "2MW single project experience" and must have at least "1MW Solar experience of 11KV project" and will be based at Jamshoro for 24/7 during complete O&M period)	Complete Job	2 Years	3,391,366.0	440,877.58	3,832,243.6
39	Spares	140pcs of solar panels 2.01 pc of MCCB Breaker 320A 3P 3 Two coils GI Flexible Pipe (25mm and 32mm) 4 100pcs of MCA Connectors 5.02 sets of LED Lights 6.02 sets of CCTV Cameras 7.Two sets of tool kits			1,274,973.4	229,408.81	1,504,382.2
TOTAL COST OF PART 1 (PKR)					350,068,498.2	39,424,430.5	389,492,928.7



Murad
Shauq

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Imran
Shahid

Muev
Shahid

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PART-2: BILL OF QUANTITIES FOR CIVIL WORKS

Sr. No.	Description	Quantity	Unit	Rate (PKR)	Amount (PKR)	
1	Construction of Two inverter sheds with boundary fencing (Area: Rocky) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	3,707.974.0	185,708.70	1,891,272.1		
2	Construction of MV Room (minimum 30 x 20 x 12' or larger size) with proper cooling system (having 02 units of Inverters based 1.5 ton ACs) (Area: Rocky) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	5,172.973.7	238,648.69	5,431,622.4		
3	Construction of Servant quarter (1 bed room 12' x 12' x 12', 01 Lounge 12' x 12' x 12', 01 washroom 4' x 4' x 9', 01 kitchen 4' x 4' x 9') including complete electrification and fans and lighting (Area: Rocky) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	4,890.538.7	244,526.94	5,135,065.6		
4	Construction of Sheds for Step up Transformers and Sheds for Auxiliary Transformers with boundary fencing (customer having provision for O&M and/or lifting of transformer as per O&M need) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	2,734,002.1	136,700.11	2,870,702.2		
5	Excavation, Land leveling, Filling, Compaction and Clearance of PV area, and construction of buildings (Area: Rocky) Bidders must submit complete CAD drawings, topography studies and design calculations and submit along with Technical Bid.	11,942,079.9	297,104.00	12,579,103.9		
6	Civil works for transformer foundations - complete - (Area: Rocky) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	2,292,696.3	114,634.81	2,407,331.1		
7	Civil works for DTR Structure Foundations - complete - (Area: Rocky) Bidders must submit complete CAD drawings and design calculations and submit along with Technical Bid.	221,326.9	11,066.34	2,32,393.2		
TOTAL COST OF PART 2 (PKR)				30,961,591.6	1,548,079.6	32,509,671.2

SUMMARY OF FINANCIAL PROPOSAL

Sr. No.	Description	Cost (PKR) (Excl. GST)	GST/PST (PKR)	Amount (PKR) (Incl. Applicable Taxes)
1	Part-1: Cost of Solar Equipments as per BOQ	350,068,498.2	39,424,430.5	389,492,928.7
2	Part-2: Cost of Civil Works as per BOQ	30,961,591.6	1,548,079.6	32,509,671.2
Grand Total Project Cost (Part-1 & Part-2)		381,030,089.8	40,972,510.1	422,002,599.9

Amount in Words: Rupees Four Hundred Twenty-Two Million Two Thousand Five Hundred Ninety-Nine and Ninety Paises



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SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPT. UNIVERSITY OF SINDH
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Autonomous Bodies
- 3) TITLE OF CONTRACT Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25 MW Solar Grid (on 11KV) Connected Plant.
- 4) TENDER NUMBER T00881-23-0004 No.SU/ADPP/IPDS/08 Dated: 08-04-2024
- 5) BRIEF DESCRIPTION OF CONTRACT Same at Serial No.03
- 6) FORUM THAT APPROVED THE SCHEME Planning & Development Deptt: Govt. of Sindh.
- 7) TENDER ESTIMATED VALUE Rs:526 million
- 8) ENGINEER'S ESTIMATE (For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 12 Months
- 10) TENDER OPENED ON (DATE & TIME) 09-05-2024 12:30 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers) 06 Nos
- 12) NUMBER OF BIDS RECEIVED 06 Nos
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 06 Nos.
Uploaded on SPPRA portal vide No:BE00881-23-0004-1 Date:27-09-2024
- 14) BID EVALUATION REPORT (Enclose a copy) _____
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s EBR Energy/IEC (Joint Venture)
Office at 4th Floor National Tower-28 Egerton Road Lahore.
- 16) CONTRACT AWARD PRICE Rs:422 million
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATION BID).
1st Lowest Bid
Most Advantageous Bid

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE _____ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____ Yes
- c) TWO STAGE BIDDING PROCEDURE _____ No
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____ No

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Vice Chancellor, University of Sindh

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	SPPRA ID: T00881-23-0004 No.SU/ADPP/IPDS/08 Dated: 08-04-2024
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	Daily Dawn, Daily Jung, Daily Kawish Dated:16-04-2024
No	

22) NATURE OF CONTRACT

Domestic Local	Yes	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-----	--------------------------	--------------------------	--------------------------	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NO
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-----	--------------------------	--------------------------	--------------------------	--------------------------

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	No
No	

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	No
No	

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	Yes. For detailed technical evaluation on Turnkey contract
No	

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	No
No	

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT
BLACK LISTED?

Yes	<input type="checkbox"/>	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	No
No	

39) DATE OF AWARD OF CONTRACT: 31-10-2024

Signature & Official Stamp of Engr. Tanveer Gulfam Memon
Authorized Officer Incharge Project Director,
Solarization
University of Sindh Jamshoro.


INCHARGE PROJECT DIRECTOR
(Solarization)
University of Sindh,
Jamshoro.

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

INTEGRITY PACT (APPENDIX-G TO BID)

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract Number:

Dated: 07th May 2024

Contract Value: PKR 422,002,599.9

Contract Title: Supply, Installation, Testing, Commissioning, Training and Operations & Maintenance of 2.25MW Solar Grid (on 11KV) Connected Plant

EBR Energy - IEC JV Partners hereby declare that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing EBR Energy - IEC JV Partners represent and warrants that it has fully declared the brokerage, commission, fee 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 consultations 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.

EBR Energy - IEC JV Partners certify 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, representative or warranty.

EBR Energy - IEC JV Partners accept full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.



HEAD OFFICE

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REGIONAL OFFICES

HYDERABAD: B-38, Gulshan-e-Mustafa, Bhetal Town, Qasimabad, Hyderabad, Sindh
QUETTA: M. Shahi House, Faizabad, Saryab Road, Quetta, Balochistan.

EBR Energy Pakistan (Pvt.) Limited

Group Company of Imperial Electric Company (Pvt) Ltd.



Notwithstanding any rights and remedies exercised by GoP in this regard, EBR Energy - IEC JV Partners 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 time the sum of any commission, gratification, bribe, finder's fee or kickback given by [EBR Energy - IEC JV] 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 Employer: University of Sindh

Name of Contractor: EBR Energy - IEC (JV) Partners

Signature:

Signature:

Seal:

Seal:

Mueen
[Handwritten signature]

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