

Technical Evaluation sheet for the project titled "Solarization of University of Peshawar"

| Name of Bidders | | Catkin JV Pak Reliable JV Green Bird Associates | Sustainable Energy JV Elum Construction | CitiTek PVT LTD | ARCO Construction JV Akhunzada Associates |
|----------------------------|--|--|--|--|--|
| Mandatory Criteria: | | | | | |
| 1 | Pakistan Engineering Council (PEC) Registration in C4 or above Category and having valid/updated PEC Registration Certificate with specialization code i.e EE-11, EE-04, EE-06 and CE-10. | ✓ | ✓ | ✓ | ✓ |
| 2 | Firm must be registered with Securities & Exchange Commission of Pakistan (SECP). | ✓ | ✓ | ✓ | ✓ |
| 3 | Active Registration with FBR (Federal Board of Revenue) having both Income Tax and STRN registration. | ✓ | ✓ | ✓ | ✓ |
| 4 | Active Registration with Khyber Pakhtunkhwa Revenue Authority (KPRA). | ✓ | ✓ | ✓ | ✓ |
| 5 | Affidavit that the Firm is NOT Blacklisted from any Government/Semi Government Agency/Department/NGO in accordance with KPRA Rules. | ✓ | ✓ | ✓ | ✓ |
| 6 | Affidavit that the Firm DOESN'T have any Litigation History in which Decision has been given against the firm(s). | ✓ | ✓ | ✓ | ✓ |
| 7 | Valid Registration with Alternative Energy Development Board (AEDB). | ✓ | ✓ | ✓ | Akhunzada License Validity is expired on 30/06/2024 and ARCO does not have the AEDB License. |
| 8 | For international partner company only, they have to provide registration/affiliation/ authorization certificate with any such international agency located in relevant country of origin. | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| 9 | JV/Consortium Agreement in case of Joint Venture partners, or in case of any international applicant/bidder JV with registered local firm is mandatory as per PEC byelaws. | ✓ | ✓ | Not Applicable | ✓ |
| 10 | Manufacturer's Authorizations for Solar Modules, and Inverters. | ✓ | ✓ | ✓ | ✓ |
| 11 | Warranty declarations. | ✓ | ✓ | ✓ | ✓ |
| 12 | Valid ISO 9001:2015 Quality Management System Certificate. | ✓ | ✓ | ✓ | ✓ |
| 13 | Electrical License from Electric Inspectorate Energy & Power Khyber Pakhtunkhwa. | ✓ | ✓ | ✓ | ✓ |
| | Remarks | | | 1- As per PEC online portal the firm is registered in Category C-01 and they have attached the PEC Registration certificate of C3. | |

Firm Name:- Catkin JV Pak Reliable JV Green Bird Associates.

| S. No. | Parameters | Detail | Total Marks | Obtained Marks | Remarks |
|----------|---|--|-------------|----------------|---|
| 1 | Experience (A) | | | | |
| 1.1 | Past Experience with similar full scope of supply, installation, commissioning (On-Grid) completed projects. Relevant experiences during last five years in Government/Semi Government Agency /Department/NGO/Industries (SECP Registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | For One Project 40 % Marks. | 25 | 10 | 1- 480.70 KW (Mark Industries) (the generation license is provided which verified from online portal) |
| | | For Two Project 80 % Marks | | | |
| | | Full marks will be given for 03 or more projects completed in last 05 years. | | | |
| | | Please provide completion certificates. | | | |
| | | For net-metering evidence of the generation license with the respective DISCO will be considered only | | | |
| 1.2 | Similar full scope of supply, installation, commissioning (On-Grid) projects in-hand. Relevant experiences in Government/Semi Government Agency / Department / NGO /Industries (SECP registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | Full Marks will be given in case of 02 projects or more (05 marks for each project). | 10 | 10 | 1- On-Grid Solar System for UET Peshawar. (64.72 M, 600 KW). 2- Supply & Installation of 800 KW solar on grid system Zaman Industries (800 KW). |
| | | Performance certificate shall be attached. | | | |
| A | Marks Assigned | | 35 | 20 | |
| 2 | Energy Yield Commitment (B) | | | | |
| 2 | Energy Yield Commitment | Bidder will provide the affidavit for committing the minimum Guaranteed Energy generation along with acceptable simulation. Below this energy, a penalty shall be imposed as per GCC clause 16 (SCC clause 12). | 10 | 10 | Supported with simulations |
| B | Marks Assigned | | 10 | 10 | |
| 3 | Technical System details (C) | | | | |
| 3. | Technical System details | All data sheets, documentation, certificates, simulations supporting the technical design (including SAP simulations for the mounted structure to withstand 160 km/h wind speed), and specifications SHALL be provided. | 15 | 12 | 1-Time Line is provided. 2- SLDs for six deptt is provided. 3- only one Sap Analysis is Provided for L4 structure (Elevated) therefore 50% marks are given i-e 03 marks. 4- O & M is Provided. |
| | | The minimum specification criteria in Section III must be met for evaluation/marking: | | | |
| | | Project timeline (01) | | | |
| | | Technical design, including a detailed SLD (number of PV panels, inverters, cable sizes, earthing, etc.), mechanical design of the mounting structure with details such as panel-to-panel gap, pathways, etc., and SAP simulations for the mounted structure to withstand 160 km/h wind speed (12) | | | |

| | | | | | |
|-----------|--|---|----|----|---|
| | | O&M manual draft including installation and components details, operations procedures, Routine Maintenance Procedures (Cleaning of PV Modules, Inverter Maintenance, Cable Inspection, checking Grounding and Lightning Protection), System Faults and Remedies, safety information, Spare Parts and Consumables and consumable lists, (02) | | | |
| C | Marks Assigned | | 15 | 12 | |
| 4 | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. (D) | | | | |
| 4. | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (A). Project Manager: Masters in Energy/ Electrical Engineering with 10 years of relevant experience [Qty: 01, Marks (05)] | | | 1- PM (Engr.SAHIBZADA SIYAF AHMAD ELECT/36668). 1- Engr.Muhammad Shahroz (ELECT/81948). 2- Engr.Hizb Ullah (ELECT/106045). 3- Engr.Faisal Naseer (ELECT/69259). 4- Engr.AHSAN MUNIR (ELECT/48548). 5- Engr.FAHAD IRSHAD (ELECT/47337). |
| | <i>The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC.</i> | (B). B.Sc. Engineers (Energy/Electrical/Electronics) registered with Pakistan Engineering Council (PEC) Total Marks: 10. [10 Marks will be given if the total no. of Engineers Registered with firm in PEC are 05 nos. or above. (02 marks for each engineer)] | 20 | 20 | |
| | | C. Associates Engineers (DAE) Electrical / Civil/ Mechanical Total Marks: 05. [5 Marks will be given if the total no. of Associate Engineers (DAE) are 5 nos. or above (01 mark for each DAE)] | | | DAE 1- Zeeshan Ullah (Electrical). 2- Shahbaz Khalid (Electrical). 3- Sohail Mehmood (Electrical). 4- Wajid Ur Rehman (Electrical). 5- Hammad (Electrical) |
| D | Marks Assigned | | 20 | 20 | |
| 5 | Financial Status (E) | | | | |
| 5. | Financial Status | Latest Audited Financial Statements of last three years (Marks: 02) | | | |
| | | Annual average turnover shall be more than 200 Million PKR verifiable from FBR income tax returns only i-e code 3029 etc. (Marks: 08) | 10 | 10 | 1- Audit statement is provided. 2- Turnover/Net revenue is more than 200 Million. |
| E | Marks Assigned | | 10 | 10 | |

| 6 | Equipment Capability (F) | | | | |
|----------|--------------------------|--|------------|-----------|--|
| 6. | Equipment Capability | 1-Digital Clamp Meter, 2-Earth Resistance Meter, 3- Personal Protective Equipment (Includes insulated gloves, safety glasses, hard hats, and safety harnesses for working at heights), 4- Insulation Resistance Tester, 5-PV Analyzer Test Kit with Irradiance meter, 6-Tool kit (in all regards for electric works), 7-Thickness gauge, 8-Lux Meter. Marks: 08 (list shall be provided on stamp paper duly attested by an oath commissioner) | 10 | 10 | |
| | | Authorized Dealership Certificate from Manufacturers of PV Modules, and Inverters. Marks: 02 | | | |
| | | Note: Dealership certificate must be verifiable from the original manufacturer | | | |
| F | Marks Assigned | | 10 | 10 | |
| | Grand Total | | 100 | 82 | |

Firm Name:- Sustainable energy associates JV Elum Construction.

| S. No. | Parameters | Detail | Total Marks | Obtained Marks | Remarks |
|--|---|---|-------------|----------------|--|
| 1 | Experience (A) | | | | |
| 1.1 | Past Experience with similar full scope of supply, installation, commissioning (On-Grid) completed projects. Relevant experiences during last five years in Government/Semi Government Agency /Department/NGO/Industries (SECP Registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | For One Project 40 % Marks. | 25 | 10 | 1- Solarization of 600 KW (On-grid) of THQ Hospital Chakdarra (the generation license is provided which verified from online portal however the Completion certificate is missing). 2- Two On-grid projects are executed in KUST University but the generation license has been issued in the name of MK Engineers Consultant PVT LTD therefore not considered. |
| For Two Project 80 % Marks | | | | | |
| Full marks will be given for 03 or more projects completed in last 05 years. | | | | | |
| Please provide completion certificates. | | | | | |
| | | For net-metering evidence of the generation license with the respective DISCO will be considered only | | | |
| 1.2 | Similar full scope of supply, installation, commissioning (On-Grid) projects in-hand. Relevant experiences in Government/Semi Government Agency / Department / NGO /Industries (SECP registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | Full Marks will be given in case of 02 projects or more (05 marks for each project). | 10 | 5 | 1- Solarization of University of Agricultural Faisalabad (1500 KW). (For other projects the performance certificates are not provided) |
| Performance certificate shall be attached. | | | | | |
| A | Marks Assigned | | 35 | 15 | |
| 2 | Energy Yield Commitment (B) | | | | |
| 2 | Energy Yield Commitment | Bidder will provide the affidavit for committing the minimum Guaranteed Energy generation along with acceptable simulation. Below this energy, a penalty shall be imposed as per GCC clause 16 (SCC clause 12). | 10 | 0 | Yield commitment Affidavit is attached but supporting simulation are not provided. |
| B | Marks Assigned | | 10 | 0 | |
| 3 | Technical System details (C) | | | | |
| 3. | Technical System details | All data sheets, documentation, certificates, simulations supporting the technical design (including SAP simulations for the mounted structure to withstand 160 km/h wind speed), and specifications SHALL be provided. | 15 | 6 | 1- Time Lines are provided. 2- SLDs design of all deptts is missing. 3- Sap analysis is provided for only ground mounted structure and elevated is missing. 4- O & M Agreement is provided. |
| The minimum specification criteria in Section III must be met for evaluation/marking: | | | | | |
| Project timeline (01) | | | | | |
| Technical design, including a detailed SLD (number of PV panels, inverters, cable sizes, earthing, etc.), mechanical design of the mounting structure with details such as panel-to-panel gap, pathways, etc., and SAP simulations for the mounted structure to withstand 160 km/h wind speed (12) | | | | | |

| | | | | | |
|-----------|--|---|----|-----------|---|
| | | O&M manual draft including installation and components details, operations procedures, Routine Maintenance Procedures (Cleaning of PV Modules, Inverter Maintenance, Cable Inspection, checking Grounding and Lightning Protection), System Faults and Remedies, safety information, Spare Parts and Consumables and consumable lists, (02) | | | |
| C | Marks Assigned | | 15 | 6 | |
| 4 | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. (D) | | | | |
| 4. | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (A). Project Manager: Masters in Energy/ Electrical Engineering with 10 years of relevant experience [Qty: 01, Marks (05)] | 20 | 14 | 1- PM (Zeeshan Ali Electrical/27288) MS in Electrical Power. 1- Engr.MOHAMMAD ILYAS (ELECT/00114). 2- Engr.JALAT KHAN (ELECT/01316). (Only Two electrical Engineers are found in online portal of PEC in both firms). DAE 1- Fayaz Khan (Electrical). 2- Wasif Ali (Electrical). 3- M.Sami Rashid (Civil). 4- M. Dawood (Civil). 5- M. Farhan Khan (Civil). |
| | The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (B). B.Sc. Engineers (Energy/Electrical/Electronics) registered with Pakistan Engineering Council (PEC) Total Marks: 10. [10 Marks will be given if the total no. of Engineers Registered with firm in PEC are 05 nos. or above. (02 marks for each engineer)] | | | |
| | | C. Associates Engineers (DAE) Electrical / Civil/ Mechanical Total Marks: 05. [5 Marks will be given if the total no. of Associate Engineers (DAE) are 5 nos. or above (01 mark for each DAE)] | | | |
| D | Marks Assigned | | 20 | 14 | |
| 5 | Financial Status (E) | | | | |
| 5. | Financial Status | Latest Audited Financial Statements of last three years (Marks: 02) | 10 | 2 | average average turn over/net revenue as per FBR code 3029 is 97 Million for the last 3 years. |
| | | Annual average turnover shall be more than 200 Million PKR verifiable from FBR income tax returns only i-e code 3029 etc. (Marks: 08) | | | |
| E | Marks Assigned | | 10 | 2 | |

| 6 | Equipment Capability (F) | | | | |
|----------|--------------------------|---|------------|-----------|---|
| 6. | Equipment Capability | <p>1-Digital Clamp Meter, 2-Earth Resistance Meter, 3-Personal Protective Equipment (Includes insulated gloves, safety glasses, hard hats, and safety harnesses for working at heights), 4-Insulation Resistance Tester, 5-PV Analyzer Test Kit with Irradiance meter, 6-Tool kit (in all regards for electric works), 7-Thickness gauge, 8-Lux Meter. Marks: 08 (list shall be provided on stamp paper duly attested by an oath commissioner)</p> <p>Authorized Dealership Certificate from Manufacturers of PV Modules, and Inverters. Marks: 02</p> <p>Note: Dealership certificate must be verifiable from the original manufacturer</p> | 10 | 9 | tool kit is not provided in list of equipment |
| F | Marks Assigned | | 10 | 9 | |
| | Grand Total | | 100 | 46 | |

Firm Name:- ARCO Construction (PVT) LTD JV Akhunzada Associates.

| S. No. | Parameters | Detail | Total Marks | Obtained Marks | Remarks |
|--|---|---|-------------|----------------|---|
| 1 | Experience (A) | | | | |
| 1.1 | Past Experience with similar full scope of supply, installation, commissioning (On-Grid) completed projects. Relevant experiences during last five years in Government/Semi Government Agency /Department/NGO/Industries (SECP Registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | For One Project 40 % Marks. | 25 | 0 | Firm has not provided any on-grid project having net metering evidence. |
| For Two Project 80 % Marks | | | | | |
| Full marks will be given for 03 or more projects completed in last 05 years. | | | | | |
| Please provide completion certificates. | | | | | |
| | | For net-metering evidence of the generation license with the respective DISCO will be considered only | | | |
| 1.2 | Similar full scope of supply, installation, commissioning (On-Grid) projects in-hand. Relevant experiences in Government/Semi Government Agency / Department / NGO /Industries (SECP registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | Full Marks will be given in case of 02 projects or more (05 marks for each project). | 10 | 0 | Firm has not provided any on-grid project in which the performance certificate has been issued. |
| | | Performance certificate shall be attached. | | | |
| A | Marks Assigned | | 35 | 0 | |
| 2 | Energy Yield Commitment (B) | | | | |
| 2 | Energy Yield Commitment | Bidder will provide the affidavit for committing the minimum Guaranteed Energy generation along with acceptable simulation. Below this energy, a penalty shall be imposed as per GCC clause 16 (SCC clause 12). | 10 | | Yield commitment Affidavit is attached but supporting simulation are not provided. |
| B | Marks Assigned | | 10 | 0 | |
| 3 | Technical System details (C) | | | | |
| 3. | Technical System details | All data sheets, documentation, certificates, simulations supporting the technical design (including SAP simulations for the mounted structure to withstand 160 km/h wind speed), and specifications SHALL be provided. | 15 | 3 | 1- Time line is provided. 2- O & M is provided. 3- SAP analysis is missing. 4- SLDs design is missing. 5. Helioscope simulations are missing. |
| The minimum specification criteria in Section III must be met for evaluation/marking: | | | | | |
| Project timeline (01) | | | | | |
| Technical design, including a detailed SLD (number of PV panels, inverters, cable sizes, earthing, etc.), mechanical design of the mounting structure with details such as panel-to-panel gap, pathways, etc., and SAP simulations for the mounted structure to withstand 160 km/h wind speed (12) | | | | | |

| | | | | | |
|----|--|---|----|----|---|
| | | O&M manual draft including installation and components details, operations procedures, Routine Maintenance Procedures (Cleaning of PV Modules, Inverter Maintenance, Cable Inspection, checking Grounding and Lightning Protection), System Faults and Remedies, safety information, Spare Parts and Consumables and consumable lists, (02) | | | |
| C | Marks Assigned | | 15 | 3 | |
| 4 | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. (D) | | | | |
| 4. | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (A). Project Manager: Masters in Energy/ Electrical Engineering with 10 years of relevant experience [Qty: 01, Marks (05)] | | | 1- PM Engr.majid ullah (ELECT/61144). |
| | The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (B). B.Sc. Engineers (Energy/Electrical/Electronics) registered with Pakistan Engineering Council (PEC) Total Marks: 10. [10 Marks will be given if the total no. of Engineers Registered with firm in PEC are 05 nos. or above. (02 marks for each engineer)] | 20 | 20 | 1- Engr.Omar farooq (ELECT/76565). 2- Engr.QAISER ZARIN AFRIDI (ELECT/13181). 3- Engr.RIAZ ALI (ELECT/06102). 4- Engr.ASHFAQUE AHMED (ELECT/14282). 5- Engr.MOHAMMAD FAWAD (ELECT/51409). |
| | | C. Associates Engineers (DAE) Electrical / Civil/ Mechanical Total Marks: 05. [5 Marks will be given if the total no. of Associate Engineers (DAE) are 5 nos. or above (01 mark for each DAE)] | | | DAE 1- Salahuddin (Electrical). 2- Saddam Hashim (Electrical). 3- Hashmat Bari (Electrical). 4- Usman Ali (Electrical). 5- Hamayoon Khan (Electrical). |
| D | Marks Assigned | | 20 | 20 | |
| 5 | Financial Status (E) | | | | |
| 5. | Financial Status | Latest Audited Financial Statements of last three years (Marks: 02) | | | |
| | | Annual average turnover shall be more than 200 Million PKR verifiable from FBR income tax returns only i-e code 3029 etc. (Marks: 08) | 10 | 10 | 1- Audit statement is provided. 2- Turnover/Net revenue is more than 200 Million. |
| E | Marks Assigned | | 10 | 10 | |

| 6 | Equipment Capability (F) | | | | |
|----------|--------------------------|--|------------|-----------|--|
| 6. | Equipment Capability | 1-Digital Clamp Meter, 2-Earth Resistance Meter, 3-Personal Protective Equipment (Includes insulated gloves, safety glasses, hard hats, and safety harnesses for working at heights), 4-Insulation Resistance Tester, 5-PV Analyzer Test Kit with Irradiance meter, 6-Tool kit (in all regards for electric works), 7-Thickness gauge, 8-Lux Meter. Marks: 08 (list shall be provided on stamp paper duly attested by an oath commissioner) | 10 | 10 | |
| | | Authorized Dealership Certificate from Manufacturers of PV Modules, and Inverters. Marks: 02 | | | |
| | | Note: Dealership certificate must be verifiable from the original manufacturer | | | |
| F | Marks Assigned | | 10 | 10 | |
| | Grand Total | | 100 | 43 | |

Firm Name:- CITITEK.

| S. No. | Parameters | Detail | Total Marks | Obtained Marks | Remarks |
|--|---|---|-------------|----------------|---|
| 1 | Experience (A) | | | | |
| 1.1 | Past Experience with similar full scope of supply, installation, commissioning (On-Grid) completed projects. Relevant experiences during last five years in Government/Semi Government Agency /Department/NGO/Industries (SECP Registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | For One Project 40 % Marks. | 25 | 10 | 1- 310 KW on-grid solar system at M/S Sim Sim ICE factory Mardan. (the generation license is provided which verified from online portal) |
| For Two Project 80 % Marks | | | | | |
| Full marks will be given for 03 or more projects completed in last 05 years. | | | | | |
| Please provide completion certificates. | | | | | |
| | | For net-metering evidence of the generation license with the respective DISCO will be considered only | | | |
| 1.2 | Similar full scope of supply, installation, commissioning (On-Grid) projects in-hand. Relevant experiences in Government/Semi Government Agency / Department / NGO /Industries (SECP registered) Projects with minimum capacity of 300kWp (each) or projects with a cost of at least 40 million PKR each. | Full Marks will be given in case of 02 projects or more (05 marks for each project). | 10 | 0 | The firm does not have any On-grid Project in Hand. |
| | | Performance certificate shall be attached. | | | |
| A | Marks Assigned | | 35 | 10 | |
| 2 | Energy Yield Commitment (B) | | | | |
| 2 | Energy Yield Commitment | Bidder will provide the affidavit for committing the minimum Guaranteed Energy generation along with acceptable simulation. Below this energy, a penalty shall be imposed as per GCC clause 16 (SCC clause 12). | 10 | 0 | Yield commitment Affidavit is attached but supporting simulation are incomplete. |
| B | Marks Assigned | | 10 | 0 | |
| 3 | Technical System details (C) | | | | |
| 3. | Technical System details | All data sheets, documentation, certificates, simulations supporting the technical design (including SAP simulations for the mounted structure to withstand 160 km/h wind speed), and specifications SHALL be provided. | 15 | 6 | 1- Project Time Line is missing. 2- Design of six depths with one SLD is provided. 3- SAP analysis is missing. 4- O & M Draft is missing |
| The minimum specification criteria in Section III must be met for evaluation/marking: | | | | | |
| Project timeline (01) | | | | | |
| Technical design, including a detailed SLD (number of PV panels, inverters, cable sizes, earthing, etc.), mechanical design of the mounting structure with details such as panel-to-panel gap, pathways, etc., and SAP simulations for the mounted structure to withstand 160 km/h wind speed (12) | | | | | |

| | | | | | |
|-----------|--|---|----|-----------|---|
| | | O&M manual draft including installation and components details, operations procedures, Routine Maintenance Procedures (Cleaning of PV Modules, Inverter Maintenance, Cable Inspection, checking Grounding and Lightning Protection), System Faults and Remedies, safety information, Spare Parts and Consumables and consumable lists, (02) | | | |
| C | Marks Assigned | | 15 | 6 | |
| 4 | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. (D) | | | | |
| 4. | Human Resource Strength/Experience of Technical Staff (Provide detailed CVs) The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC. | (A). Project Manager: Masters in Energy/ Electrical Engineering with 10 years of relevant experience [Qty: 01, Marks (05)] | | | 1- Engr.JAMSHID SHAH (ELECT/04581). 2- Engr.Muhammad Mujtaba (ELECT/104607). 3- Engr.Ali Raza (ELECT/61798) |
| | <i>The engineer must be register in the firm and their registration with the firm will be confirmed via online portal of PEC.</i> | (B). B.Sc. Engineers (Energy/Electrical/Electronics) registered with Pakistan Engineering Council (PEC) Total Marks: 10. [10 Marks will be given if the total no. of Engineers Registered with firm in PEC are 05 nos. or above. (02 marks for each engineer)] | 20 | 11 | DAE 1- Muhammad Zeeshan (Electrical). 2- Muhammad Ummar (Mechanical). 3- Amjid Ali (Electrical) 4- Muhammad Idrees (Civil). 5- Junaid Ahmad (Electrical). |
| | | C. Associates Engineers (DAE) Electrical / Civil/ Mechanical Total Marks: 05. [5 Marks will be given if the total no. of Associate Engineers (DAE) are 5 nos. or above (01 mark for each DAE)] | | | |
| D | Marks Assigned | | 20 | 11 | |
| 5 | Financial Status (E) | | | | |
| 5. | Financial Status | Latest Audited Financial Statements of last three years (Marks: 02) | | | |
| | | Annual average turnover shall be more than 200 Million PKR verifiable from FBR income tax returns only i-e code 3029 etc. (Marks: 08) | 10 | 10 | 1- Audit statement is provided. 2- Annual Turn over is more than 200 Million as per FBR code 3029. |
| E | Marks Assigned | | 10 | 10 | |

| 6 | Equipment Capability (F) | | | | |
|----|--------------------------|---|-----|----|---------------------------------------|
| 6. | Equipment Capability | <p>1-Digital Clamp Meter, 2-Earth Resistance Meter, 3-Personal Protective Equipment (Includes insulated gloves, safety glasses, hard hats, and safety harnesses for working at heights), 4-Insulation Resistance Tester, 5-PV Analyzer Test Kit with Irradiance meter, 6-Tool kit (in all regards for electric works), 7-Thickness gauge, 8-Lux Meter. Marks: 08 (list shall be provided on stamp paper duly attested by an oath commissioner)</p> <p>Authorized Dealership Certificate from Manufacturers of PV Modules, and Inverters. Marks: 02</p> <p>Note: Dealership certificate must be verifiable from the original manufacturer</p> | 10 | 9 | 1- Earth Resistance meter is missing. |
| F | Marks Assigned | | 10 | 9 | |
| | Grand Total | | 100 | 46 | |

Technical Evaluation sheet for the project titled "Solarization of University of Peshawar"

| Sr. No | Name of Frims | Experience (35) (A) | | Energy Yield Commitment (10) (B) | Technical Details (15) (C) | Human Resource (20) (D) | Financial Status (10) (E) | Equipment Capability (10) (F) | Total (100) |
|--------|---|---------------------------|-------------------------|--|----------------------------------|-------------------------------|---------------------------------|-------------------------------------|-------------|
| | | Project Completed (25) | Project In-Hand (10) | | | | | | |
| 1 | Catkin JV Pak Reliable JV Green Bird Associates. | 10 | 10 | 10 | 12 | 20 | 10 | 10 | 82 |
| 2 | Sustainable energy associates JV Elum Construction.. | 10 | 5 | 0 | 6 | 14 | 2 | 9 | 46 |
| 3 | ARCO Construction (PVT) LTD JV Akhuzada Associates. | 0 | 0 | 0 | 3 | 20 | 10 | 10 | 43 |
| 4 | CITITEK (PVT) LTD. | 10 | 0 | 0 | 6 | 11 | 10 | 9 | 46 |

Note:- The frims having technical score less than 70 will be considered as disqualified/fail