

**National Bidding Document**  
For  
**Procurement of Goods**  
Using  
Single Stage: One Envelope Bidding Procedure  
  
Applicable  
under National Competitive Bidding in  
Pakistan

# Procurement of Goods

## BIDDING DOCUMENT

for

### Procurement of Goods with Installation and Commissioning for Solarization of Healthcare Facilities of Project Districts

under

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**KP-HCIP Health**

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**Health Department**

**Government of Khyber Pakhtunkhwa**

#### NATIONAL COMPETITIVE BIDDING

**Issued on: 20 February 2026**

**Loan No. /Credit No. 6714-PK / Grant No: D680-PK**

**Project:** Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP) (Health), Health Department, Khyber Pakhtunkhwa.

**Contract title:** Procurement of Supply, Installation, Testing and Commissioning of Solar Power Systems in Healthcare Facilities of Project Districts.

**Invitation for Bids No.:** PK-HPMU-522650-GO-RFB

**NCB No.:** PK-HPMU-522650-GO-RFB

**Purchaser:** Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP) (Health), Health Department, Khyber Pakhtunkhwa.

**Country: Pakistan**

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# Specific Procurement Notice Request for Bids Goods

## (Single Stage-One-Envelope Bidding Process)

**Country:** Pakistan  
**Name of Project:** Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP).  
**Contract Title:** Procurement of Supply, Installation, Testing and Commissioning of Solar Power Systems in Healthcare Facilities of Project Districts.  
**Grant No:** D680-PK  
**Credit Number:** 6714-PK  
**RFB Reference No.:** PK-HPMU-522650-GO-RFB  
**Project ID:** PR2010039  
**Issued on:** 20<sup>th</sup> February 2026

1. **The Govt. of Pakistan received** financing from the World Bank toward the cost of the Khyber Pakhtunkhwa Human Capital Investment Project and intends to apply part of the proceeds toward payments under the contract for Procurement of Supply, Installation, Testing and Commissioning of Solar Power Systems in Healthcare Facilities of Project Districts.
2. The Khyber Pakhtunkhwa Human Capital Investment Project now invites sealed Bids from eligible Bidders for Procurement of Supply, Installation, Testing and Commissioning of Solar Power Systems in Healthcare Facilities of Project Districts.
3. Bidding shall be conducted through Open National Competitive Procurement using **RFB (Single stage One envelope)** process as specified in the World Bank Procurement Regulations for IPF Borrowers, July 2016, revised November 2017, July 2018, November 2020, September 2023, February 2025 and September 2025 (“Procurement Regulations”), and is open to the eligible bidders as defined in the Procurement Regulations. The bidding documents can be downloaded from <https://www.healthkp.gov.pk//> free of cost. The document may be obtained by hand or dispatched by courier upon the bidder’s request, subject to payment of PKR5,000 in shape of Call Deposit Receipt/Security Deposit Receipt/Demand Draft/Casher’s Cheque in favor of Project Director KP-HCIP Health. The Employer shall not be responsible for any delay, loss, or non-delivery of the document.
4. Pre-Bid conference Meeting is scheduled on 03<sup>rd</sup> March 2026 at 02:00 pm in Conference Room of the KP-HCIP Office, House No, 240, defense colony Shami road Peshawar.
4. Interested eligible Bidders may obtain further information from Procurement Section, via email: [kphciphhealth163@gmail.com](mailto:kphciphhealth163@gmail.com) and inspect the bidding document during office hours *i.e.* 0900 to 1700 hours at the address given below KP-HCIP (Health) Office, House No, 240, defense colony Shami road Peshawar.
6. Bids must be delivered to the address below KP-HCIP (Health) Office, House No, 240, Defense Colony, Shami Road Peshawar, on or before 16<sup>th</sup> March 2026 at 11:30 a.m. and will be opened on the same time. Electronic Bidding will not be permitted. Late Bids will be rejected. Bids will be

publicly opened at the same place and venue for submission of bids at 11:30 am in the presence of the Bidders' designated representatives and anyone who chooses to attend at the address and date mentioned.

7. All Bids must be accompanied by a "*Bid Security*" of PKR Ten (10) Million lumpsum in form of Unconditional Bank Guarantee/Call Deposit Receipts/Security Deposit Receipt/Demand Draft in PKR or any other shape acceptable under World Bank Procurement Regulation.
9. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful bidder's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the bidding document.
10. The address (es) referred to above is (are): ***Project Director, KP-HCIP (Health) Office, House No. 240, Defense Colony, Shami Road, Peshawar, Khyber Pakhtunkhwa.***

***Project Director,***  
*Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP) Health,*  
Telephone: 091-9211605-6, Email: [kphciphealth163@gmail.com](mailto:kphciphealth163@gmail.com)  
***House No. 240, Defense Colony, Shami Road, Peshawar.***

## Section I. Instructions to Bidders (ITB)

This Section specifies the procedures to be followed by Bidders in the preparation and submission of their Bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract. [This Section shall not be a part of the Contract.]

A. General	
1.Scope of Bid	<p>1.1 In connection with the Request for Bids (RFB), specified in the Bid Data Sheet (BDS), the Purchaser, as specified in the BDS, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section V, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are specified in the BDS.</p> <p>1.2 Throughout this bidding document:</p> <p>(a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the BDS, distributed or received through electronic-procurement system used by the Purchaser) with proof of receipt;</p> <p>(b) if the context so requires, “singular” means “plural” and vice versa;</p> <p>(c) “Day” means calendar day, unless otherwise specified as a “Business Day”. A Business Day is any day that is a working day of the Borrower. It excludes the Borrower’s official public holidays.</p>
2.Source of Funds	<p>2.1 The Borrower or Recipient (hereinafter called “Borrower”) specified in the BDS has applied for or received financing (hereinafter called “funds”) from the Bank, as specified in the BDS, (hereinafter called “the Bank”) in an amount specified in the BDS, toward the project named in the BDS. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.</p> <p>2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).</p>
3.Fraud and Corruption	<p>3.1 the Bank requires compliance with the Bank’s Anti-Corruption Guidelines / Policy (as amended from time to time) and its prevailing</p>

	sanctions policies and procedures as set forth in APPENDIX 1 under Section VI which may be updated from time to time.
	3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank as appropriate.
4. Eligible Bidders	<p>4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution subject to ITB 4.6, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified in the BDS, there is no limit on the number of members in a JV.</p> <p>4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:</p> <ul style="list-style-type: none"> <li>(a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or</li> <li>(b) receives or has received any direct or indirect subsidy from another Bidder; or</li> <li>(c) has the same legal representative as another Bidder; or</li> <li>(d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this Bidding process; or</li> <li>(e) any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Bid; or</li> <li>(f) any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or</li> <li>(g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS 2.1 that it provided or</li> </ul>

	<p>were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or</p> <p>(h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the Bid evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank, throughout the Bidding process and execution of the Contract.</p>
	<p>4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.</p>
	<p>4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8 and ITB 49. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or subconsultants for any part of the Contract including Related Services.</p>
	<p>4.5 Under Bank funding, a Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in APPENDIX 1 under Section VI, shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address of the Bank specified in the BDS. website address of the authority, listing the firms that have been debarred for Corrupt and Fraudulent practices, is provided in the BDS.</p>
	<p>4.6 Under Bank funding, Bidders that are state-owned enterprises or institutions in Pakistan may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.</p>

	<p>4.7 A Bidder shall not be under suspension from Bidding by the Purchaser as the result of the operation of a Bid–Securing Declaration or Proposal–Securing Declaration.</p> <p>4.8 Firms and individuals may be ineligible if so indicated under ITB 49, and (a) as a matter of law or official regulations, Pakistan prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Pakistan prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.</p> <p>4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.</p> <p>4.10 a firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower’s request, is satisfied that the debarment;</p> <p>(a) relates to fraud or corruption; and (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.</p>
5. Eligible Goods and Related Services	<p>5.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country in accordance with ITB 49.</p> <p>5.2 For purposes of this ITB, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” including insurance, installation, training, and initial maintenance.</p> <p>5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.</p>
<b>B. Contents of Bidding Document</b>	
6. Sections of Bidding Document	<p>6.1 The bidding document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.</p> <p style="text-align: center;">PART 1 Bidding Procedures</p> <ul style="list-style-type: none"> <li>• Section I. Instructions to Bidders (ITB)</li> <li>• Section II. Bid Data Sheet (BDS)</li> </ul>

	<ul style="list-style-type: none"> <li>• Section III. Evaluation and Qualification Criteria (EQC)</li> <li>• Section IV. Bidding Forms (BDF)</li> </ul> <p>PART 2 Supply Requirements</p> <ul style="list-style-type: none"> <li>• Section V. Schedule of Requirements (SOR)</li> </ul> <p>PART 3 Conditions of Contract and Contract Forms</p> <ul style="list-style-type: none"> <li>• Section VI. General Conditions of Contract (GCC)</li> <li>• Section VII. Special Conditions of Contract (SCC)</li> <li>• Section VIII. Contract Forms (COF)</li> </ul>
<p>7. Clarification of Bidding Document</p>	<p>6.2 The Request for Bids (RFB), issued by the Purchaser is not part of this bidding document.</p> <p>6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.</p> <p>6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.</p> <p>7.1 A Bidder requiring any clarification of the bidding document shall contact the Purchaser in writing at the Purchaser’s address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified in the BDS. The Purchaser shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so specified in the BDS, the Purchaser shall also promptly publish its response at the web page identified in the BDS. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.</p>
<p>8. Amendment of Bidding Document</p>	<p>8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by issuing addenda.</p> <p>8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser’s web page in accordance with ITB 7.1.</p> <p>8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its</p>

	discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.
<b>C. Preparation of Bids</b>	
9. Cost of Bidding	9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
10. Language of Bid	10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in English. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English, in which case, for purposes of interpretation of the Bid, such translation shall govern.
11. Documents Comprising the Bid	<p>11.1 The Bid shall comprise the following:</p> <ul style="list-style-type: none"> <li>(a) Letter of Bid prepared in accordance with ITB 12;</li> <li>(b) Price Schedules: completed in accordance with ITB 12 and ITB 14;</li> <li>(c) Bid Security or Bid-Securing Declaration, in accordance with ITB 19.1;</li> <li>(d) Alternative Bid: if permissible, in accordance with ITB 13;</li> <li>(e) Authorization: written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;</li> <li>(f) Qualifications: documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;</li> <li>(g) Bidder's Eligibility: documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;</li> <li>(h) Eligibility of Goods and Related Services: documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;</li> <li>(i) Conformity: documentary evidence in accordance with ITB 16, that the Goods and Related Services conform to the bidding document;</li> <li>(j) Sample(s) of Goods: if required, in accordance with ITB 16.6; and</li> <li>(k) any other document required in the BDS.</li> </ul> <p>11.2 In addition to the requirements under ITB 11.1, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.</p>

	11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
12. Letter of Bid and Price Schedules	12.1 The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.
13 Alternative Bids	13.1 Unless otherwise specified in the BDS, alternative Bids shall not be considered.
14. Bid Prices and Discounts	14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.
	14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
	14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.
	14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.
	14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29.4. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
	14.6 If so specified in ITB 1.1, Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified in the BDS, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual contracts within the package. Discounts shall be submitted in accordance with ITB 14.4, provided the Bids for all lots (contracts) are opened at the same time. However, discounts that are conditional on the award of more than one lot, or any cross discount, will not be considered for bid evaluation purpose.

	<p>14.7 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as specified in the BDS.</p> <p>14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with ITB 49. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with ITB 49. Prices shall be entered in the following manner:</p> <ul style="list-style-type: none"> <li>(a) For Goods manufactured in Pakistan: <ul style="list-style-type: none"> <li>(i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;</li> <li>(ii) any sales tax and other taxes which will be payable on the Goods in Pakistan if the Contract is awarded to the Bidder; and</li> <li>(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified in the BDS.</li> </ul> </li> <li>(b) For Goods manufactured outside Pakistan, to be imported: <ul style="list-style-type: none"> <li>(i) the price of the Goods, quoted CIP named place of destination, in Pakistan, as specified in the BDS;</li> <li>(ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified in the BDS;</li> </ul> </li> <li>(c) For Goods manufactured outside Pakistan, already imported: <ul style="list-style-type: none"> <li>(i) the price of the Goods, including the original import value of the Goods; plus, any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;</li> <li>(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;</li> <li>(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;</li> <li>(iv) any sales and other taxes which will be payable on the Goods in Pakistan if the Contract is awarded to the Bidder; and</li> </ul> </li> </ul>
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	<p>(v) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified in the BDS.</p> <p>(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).</p>
15. Currencies of Bid and Payment	<p>15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in PKR the portion of the Bid price that corresponds to expenditures incurred in Pakistan, unless otherwise specified in the BDS.</p> <p>15.2 Subject to BDS the Bidder may express the Bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to PKR.</p>
16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services; and provision of Sample of Goods	<p>16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.</p> <p>16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V, Schedule of Requirements.</p> <p>16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section V, Schedule of Requirements.</p> <p>16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.</p> <p>16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the</p>

	<p>Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section V, Schedule of Requirements.</p>
<p>17 Documents Establishing the Eligibility and Qualifications of the Bidder</p>	<p>16.6 If required by the Purchaser, the Bidder shall furnish along with its Bid sample(s) of Goods as specified in the BDS.</p> <p>17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.</p> <p>17.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Purchaser's satisfaction:</p> <ul style="list-style-type: none"> <li>(a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Pakistan;</li> <li>(b) that, if required in the BDS, in case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the Contract) represented by an Agent in Pakistan equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and</li> <li>(c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.</li> </ul>
<p>18.Period of Validity of Bids</p>	<p>18.1 Bids shall remain valid until the date specified in the BDS or any extended date if amended by the Purchaser in accordance with ITB 8. A Bid that is not valid until the date specified in the BDS, or any extended date if amended by the Purchaser in accordance with ITB 8, shall be rejected by the Purchaser as nonresponsive.</p> <p>18.2 In exceptional circumstances, prior to the expiry of the Bid validity, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for twenty-eight (28) days beyond the extended date for Bid validity. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.</p> <p>18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the Bid validity specified in accordance with ITB 18.1, the Contract price shall be determined as follows:</p>

	<p>(a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified in the BDS;</p> <p>(b) in the case of adjustable price contracts, no adjustment shall be made; or</p> <p>(c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above</p>
19. Bid Security / Bid-Securing Declaration	<p>19.1 The Bidder shall furnish as part of its Bid, either a Bid-Securing Declaration or a Bid Security, as specified in the BDS, in original form and, in the case of a Bid Security, in the amount and currency specified in the BDS.</p>
	<p>19.2 A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.</p>
	<p>19.3 If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:</p> <ul style="list-style-type: none"> <li>(a) an unconditional guarantee issued by a bank;</li> <li>(b) an unconditional guarantee issued by a non-bank financial institution (such as an insurance company of AA rating);</li> <li>(c) an irrevocable letter of credit;</li> <li>(d) a cashier's or certified check; or</li> <li>(e) another security specified in the BDS,</li> </ul> <p>from a reputable source, and an eligible country. If the source of funds is ADB, as specified under ITB 2.1, the acceptable forms of Bid Security shall only be as per (a), (c) and (d) above.</p> <p>If the unconditional guarantee is issued by a financial institution located outside Pakistan, it shall be counter-guaranteed by a correspondent financial institution located in Pakistan, for being encashable in Pakistan. In the case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to Bid submission. The Bid Security shall be valid for twenty-eight (28) days beyond the original date of expiry of the Bid validity, or beyond any extended date if requested under ITB 18.2.</p>
	<p>19.4 If a Bid Security is specified pursuant to ITB 19.1, any Bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.</p>
	<p>19.5 If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the Contract and furnishing the Performance Security pursuant to ITB 46.</p>

	<p>19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.</p>
	<p>19.7 The Bid Security may be forfeited or the Bid-Securing Declaration executed:</p> <ul style="list-style-type: none"> <li>(a) if a Bidder withdraws its Bid prior to the expiry date of Bid validity specified by the Bidder on the Letter of Bid or any extended date provided by the Bidder; or</li> <li>(b) if the successful Bidder fails to: <ul style="list-style-type: none"> <li>(i) sign the Contract in accordance with ITB 45; or</li> <li>(ii) furnish a Performance Security in accordance with ITB 46.</li> </ul> </li> </ul>
	<p>19.8 The Bid Security or Bid- Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid Security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2</p>
	<p>19.9 If a Bid Security is not required in the BDS, pursuant to ITB 19.1, and</p> <ul style="list-style-type: none"> <li>(a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid, or any extended date provided by the Bidder; or</li> <li>(b) if the successful Bidder fails to: sign the Contract in accordance with ITB 45; or furnish a performance security in accordance with ITB 46;</li> </ul> <p>the Borrower may, if provided for in the BDS, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time as stated in the BDS. This provision shall not be applicable in case of ADB funding.</p>
<p>20.Format and Signing of Bid</p>	<p>20.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 11 and clearly mark it “ORIGINAL”. Alternative Bids, if permitted in accordance with ITB 13, shall be clearly marked “ALTERNATIVE”. In addition, the Bidder shall submit copies of the Bid, in the number specified in the BDS and clearly mark them “COPY”. In the event of any discrepancy between the original and the copies, the original shall prevail.</p> <p>20.2 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.</p> <p>20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written</p>

	<p>confirmation as specified in the BDS and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.</p>
	<p>20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives that shall be attached to the Bid.</p>
	<p>20.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.</p>
<p>D. Submission and Opening of Bids</p>	
<p>21. Sealing and Marking of Bids</p>	<p>21.1 The Bidder shall deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:</p> <ul style="list-style-type: none"> <li>(a) in an envelope marked “ORIGINAL BID”, all documents comprising the Bid, as described in ITB 11; and</li> <li>(b) in an envelope marked “BID COPIES”, all required copies of the Bid; and,</li> <li>(c) if alternative Bids are permitted in accordance with ITB 13, and if relevant: <ul style="list-style-type: none"> <li>i. in an envelope marked “ALTERNATIVE BID – ORIGINAL”, the alternative Bid; and</li> <li>ii. in the envelope marked “ALTERNATIVE BID – COPIES” all required copies of the alternative Bid.</li> </ul> </li> </ul> <p>21.2 The inner and outer envelopes, shall:</p> <ul style="list-style-type: none"> <li>(a) bear the name and address of the Bidder;</li> <li>(b) be addressed to the Purchaser in accordance with ITB 22.1;</li> <li>(c) bear the specific identification of this Bidding process indicated in ITB 1.1; and</li> <li>(d) bear a warning not to open before the time and date for Bid opening.</li> </ul> <p>21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.</p>
<p>22. Deadline for Submission of Bids</p>	<p>22.1 Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS. When so specified in the BDS, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures specified in the BDS.</p>

	<p>22.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.</p>
23.Late Bids	<p>23.1 The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.</p>
24.Withdrawal, Substitution, and Modification of Bids	<p>24.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:</p> <ul style="list-style-type: none"> <li>(a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL”, “SUBSTITUTION”, “MODIFICATION”; and</li> <li>(b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.</li> </ul> <p>24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.</p> <p>24.3 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof.</p>
25.Bid Opening	<p>25.1 Except as in the cases specified in ITB 23 and ITB 24.2, the Purchaser shall, at the Bid opening, publicly open and read out all Bids received by the deadline at the date, time and place specified in the BDS in the presence of Bidders’ designated representatives and anyone who chooses to attend Any specific electronic Bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as specified in the BDS.</p> <p>25.2 First, the written notice of withdrawal in the envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. No Bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid opening.</p>

	<p>25.3 Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.</p> <p>25.4 Next, envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.</p> <p>25.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative Bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate.</p> <p>25.6 Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further in the evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending Bid opening in the manner specified in the BDS.</p> <p>25.7 At the Bid opening the Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).</p> <p>25.8 Following the opening of the Bids, the Purchaser shall prepare a record of the Bid opening that shall include, as a minimum:</p> <ul style="list-style-type: none"> <li>(a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;</li> <li>(b) the Bid Price, per lot (contract) if applicable, including any discounts;</li> <li>(c) if applicable, any alternative Bids; and</li> <li>(d) the presence or absence of a Bid Security or Bid-Securing Declaration if one was required.</li> </ul> <p>25.9 The Bidders’ representatives who are present shall be requested to sign the record. The omission of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.</p>
E. Evaluation and Comparison of Bids	
26. Confidentiality	26.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the information on

	Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 40.
	26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
	26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.
27. Clarification of Bids	27.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid given a reasonable time for a response. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 31.
	27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.
28. Deviations, Reservations, and Omissions	28.1 During the evaluation of Bids, the following definitions apply: <ul style="list-style-type: none"> <li>(a) "Deviation" is a departure from the requirements specified in the bidding document;</li> <li>(b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and</li> <li>(c) "Omission" is the failure to submit part or all of the information or documentation required in the bidding document.</li> </ul>
29. Determination of Responsiveness	29.1 The Purchaser's determination of a Bid's responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.
	29.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that: <ul style="list-style-type: none"> <li>(a) if accepted, would: <ul style="list-style-type: none"> <li>(i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or</li> <li>(ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the proposed Contract;</li> </ul> </li> <li>or</li> <li>(b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.</li> </ul>

	<p>29.3 The Purchaser shall examine the technical aspects of the Bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section V, Schedule of Requirements have been met without any material deviation or reservation, or omission.</p>
	<p>29.4 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.</p>
<p>30.Nonconformities, Errors and Omissions</p>	<p>30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities in the Bid.</p>
	<p>30.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p>
	<p>30.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component, by adding the average price of the item or component quoted by substantially responsive Bidders. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Purchaser shall use its best estimate.</p>
<p>31.Correction of Arithmetical Errors</p>	<p>31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <ul style="list-style-type: none"> <li>(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;</li> <li>(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and</li> <li>(c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.</li> </ul>

	31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.
32. Conversion to Single Currency	32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as specified in the BDS.
33. Margin of Preference	33.1 Unless otherwise specified in the BDS, a margin of preference shall not apply.
34. Evaluation of Bids	34.1 The Purchaser shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be: <ul style="list-style-type: none"> <li>(a) substantially responsive to the bidding document; and</li> <li>(b) the lowest evaluated price.</li> </ul>
	34.2 To evaluate a Bid, the Purchaser shall consider the following: <ul style="list-style-type: none"> <li>(a) evaluation will be done for Items or Lots (contracts), as specified in the BDS; and the Bid Price as quoted in accordance with ITB 14;</li> <li>(b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;</li> <li>(c) price adjustment due to discounts offered in accordance with ITB 14.4, subject to ITB 14.6;</li> <li>(d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;</li> <li>(e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3; and</li> <li>(f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.</li> </ul>
	34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
	34.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.
	34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:

	<ul style="list-style-type: none"> <li>(a) in the case of Goods manufactured in the Pakistan, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;</li> <li>(b) in the case of Goods manufactured outside Pakistan, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;</li> <li>(c) any allowance for price adjustment during the period of execution of the contract, if provided in the Bid.</li> </ul>
	<p>34.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2(f).</p>
35.Comparison of Bids	<p>35.1 The Purchaser shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 34.2 to determine the Bid that has the lowest evaluated cost. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within Pakistan, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and sales and similar taxes levied in connection with the sale or delivery of goods.</p>
36.Abnormally Low Bids	<p>36.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid price.</p> <p>36.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.</p> <p>36.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.</p>
	<p>37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and</p>

37. Qualification of the Bidder	<p>substantially responsive Bid, meets the qualifying criteria specified under Sub-Section 3 in Section III, Evaluation and Qualification Criteria.</p> <p>37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder. - The Employer, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in bidder's capacities, may require the bidder to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not: Provided that such qualification shall only be laid down after recording reasons therefor in writing and they shall form part of the records of that procurement proceeding.</p> <p>37.3 the Purchaser will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. The Purchaser will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not meet the requirement, the Purchaser will require the Bidder to propose a replacement subcontractor.</p> <p>37.4 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the Bidder who offers a substantially responsive Bid with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.</p>
38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	<p>38.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.</p> <p>38.2 the Purchaser shall upon request communicate to any Bidder who submitted a bid, the grounds for its rejection of all bids, but is not required to justify those grounds.</p>
39. Standstill Period	39.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be the number of days, as specified in the BDS, unless extended under the applicable regulation, as specified in the BDS. The Standstill Period commences the day after the date

	the Purchaser has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the WB, the Standstill Period shall not apply.
40. Notification of Intention to Award	<p>40.1 The Purchaser shall send to each Bidder the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:</p> <ul style="list-style-type: none"> <li>(a) the name and address of the Bidder submitting the successful Bid;</li> <li>(b) the Contract price of the successful Bid;</li> <li>(c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;</li> <li>(d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful, unless the price information in (c) above already reveals the reason;</li> <li>(e) the expiry date of the Standstill Period;</li> <li>(f) instructions on how to request a debriefing and/or submit a complaint during the standstill period.</li> </ul>
F. Award of Contract	
41. Award Criteria	<p>41.1 Subject to ITB 38, the Purchaser shall award the Contract to the Bidder offering the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be:</p> <ul style="list-style-type: none"> <li>(a) substantially responsive to the bidding document; and</li> <li>(b) having the lowest evaluated price.</li> </ul>
42. Purchaser's Right to Vary Quantities at Time of Award	<p>42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.</p>
43. Notification of Award	<p>43.1 Prior to the date of expiry of the Bid validity and upon expiry of the Standstill Period, specified in ITB 39.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period (as specified in the BDS ITB 39.1), the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the 'Contract Forms' called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").</p>

	<p>43.2 Contract Award Proforma prescribed by NAB and PPRA regarding contracts worth PKR 50 Million and above shall be provided to NAB and published on the PPRA website, respectively, by the Purchaser within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:</p> <ul style="list-style-type: none"> <li>(a) name and address of the Purchaser;</li> <li>(b) name and reference number of the contract being awarded, and the selection method used;</li> <li>(c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;</li> <li>(d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting Qualification Criteria, or were not evaluated, with the reasons therefor;</li> <li>(e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and</li> <li>(f) successful Bidder's Beneficial Ownership Disclosure Form, if specified in BDS ITB 45.1.</li> </ul>
	<p>43.3 The Contract Award Notice shall be published on the Purchaser's website with free access if available, or in at least one newspaper of national circulation in Pakistan, or in the official gazette. the Purchaser shall also publish the contract award notice in UNDB online.</p>
	<p>43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.</p>
<p>44. Debriefing by the Purchaser</p>	<p>44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.</p>
	<p>44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period.</p>
	<p>44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of</p>

	contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.
	44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidders shall bear their own costs of attending such a debriefing meeting.
45. Signing of Contract	<p>45.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if specified in the BDS, a request to submit additional information on its beneficial ownership. The additional information on beneficial ownership, if so specified in the BDS, shall be submitted within eight (8) Business Days of receiving this request.</p> <p>45.2 The successful Bidder shall sign, date and return to the Purchaser, the Contract Agreement within twenty-eight (28) days of its receipt.</p> <p>45.3 Notwithstanding ITB 45.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to Pakistan, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its Bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.</p>
46. Performance Security	<p>46.1 Within twenty-eight (28) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC / SCC 18, using for that purpose the Performance Security Form included in Section VIII, Contract Forms, or another Form acceptable to the Purchaser. The Performance Security shall be issued by a reputable bank selected by the successful Bidder. If the Performance Security is issued by a bank located outside Pakistan, it shall be counter-guaranteed by a correspondent bank located in Pakistan, for being encashable in Pakistan. In case of a Joint Venture, the Performance Security must be in the name of all members of the Joint Venture that signs the Contract.</p> <p>46.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the Bidder offering the next Most Advantageous Bid.</p>

47.Procurement Related Complaint	47.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.
48.Integrity Pact	48.1 The Bidder shall sign and affix seal on the Integrity Pact included in Section IV, Bidding Forms, for all procurement contracts worth PKR ten million or more. Failure to provide the Integrity Pact, signed by the person authorized in accordance with ITB 20.3, in the Bid may cause rejection of Bid; unless otherwise rectified under ITB 30.2.
49.Eligible Countries	49.1 The Eligible Countries for Bidders and the Eligible Countries for ‘Goods and Related Services’ are as specified in the BDS.

## Section II. Bid Data Sheet (BDS)

This Section includes data provisions that are specific to any procurement and supplement the information or requirements included in Section I - Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those under ITB. To facilitate completing the BDS, its Clauses are numbered with the same numbers as the corresponding ITB Clauses.

<b>A. General</b>	
<b>ITB 1.1</b>	<p>The reference number of the Request for Bids (RFB) is: PK-HPMU-522650-GO-RFB</p> <p>The Purchaser is: KP-HCIP Health Department, Khyber Pakhtunkhwa</p> <p>The name of the RFB is: Procurement of Supply, Installation, Testing and Commissioning of Solar Power Systems in Healthcare Facilities of Project Districts.</p> <p>The number and identification of lots (contracts) comprising this RFB is: One Package for all Districts.</p> <p>Project Districts: Peshawar, Swabi, Nowshera &amp; Haripur.</p>
<b>ITB 1.2(a)</b>	<p><b>Electronic –Procurement System: Not Applicable</b></p> <p>The Purchaser shall use the following electronic-procurement system to manage this Bidding process: <b>N/A</b></p> <p>The electronic-procurement system shall be used to manage the following aspects of the Bidding process: <b>N/A</b></p>
<b>ITB 2.1</b>	<p>The Borrower is: <b>Islamic Republic of Pakistan</b></p> <p><b>Implementing Agency: KP-HCIP Health Department.</b></p> <p>Name of the Bank : <u>World Bank</u></p> <p>Loan or Financing Agreement amount: <u>63.44 million USD</u></p> <p>The name of the Project is: <b>Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP).</b></p>
<b>ITB 4.1</b>	Maximum number of members in the Joint Venture (JV) shall be: <i>Two (02)</i>
<b>ITB 4.5</b>	<p>The list of debarred firms and individuals is available on the following website:</p> <p><a href="http://www.worldbank.org/debarr;">http://www.worldbank.org/debarr;</a></p>
<b>B. Contents of Bidding Document</b>	
<b>ITB 7.1</b>	<p>For <b>Clarification of Bid purposes</b> only, the Employer’s address is:</p> <p><b><i>Project Director KP-HCIP Health, 240 Defense Colony Shami Road Peshawar</i></b></p>

	<p>Attention: Chairman Procurement Committee.</p> <p>Address: <b>240 Defense Colony Shami Road Peshawar, Pakistan.</b></p> <p>Contact Number: 091-9211605</p> <p>Floor/ Room number: <i>N/A</i></p> <p>City: <i>Peshawar</i></p> <p>ZIP Code/ <i>postal code, 25000</i></p> <p>Country: <i>Pakistan</i></p> <p>Telephone: 091-9211605</p> <p>Facsimile number: <i>N/A</i></p> <p>Electronic mail address: <a href="mailto:kphciphealth163@gmail.com">kphciphealth163@gmail.com</a></p> <p>Web page: <a href="https://www.hcip.healthkp.gov.pk">https://www.hcip.healthkp.gov.pk</a> <a href="https://www.healthkp.gov.pk/">https://www.healthkp.gov.pk/</a></p>
	<p>Requests for clarification should be received by the Employer no later than:</p> <p><b><u>07 Days of the closing date of the RFB.</u></b></p> <p>Web page: <a href="https://www.hcip.healthkp.gov.pk">https://www.hcip.healthkp.gov.pk</a> <a href="https://www.healthkp.gov.pk/">https://www.healthkp.gov.pk/</a></p>
<b>C. Preparation of Bids</b>	
<b>ITB 11.1 (k)</b>	The Bidder shall submit the following additional documents in its Bid: <b>Integrity Pact</b> properly signed, as required under ITB 48 (form is provided in Section IV); JV agreement as per ITB 11.2 in case of JV;
<b>ITB 12.1</b>	The units and rates in figures entered into the Price Schedules should be typewritten or if written by hand, must be in print form. Price Schedules not presented accordingly may be considered nonresponsive.
<b>ITB 13.1</b>	Alternative Bids “ <b>shall not be</b> ” considered.
<b>ITB 14.5</b>	The prices quoted by the Bidder “ <b>shall not</b> ” be subject to adjustment during the performance of the Contract.
<b>ITB 14.7</b>	The Incoterms edition is <b>Incoterms 2020 DDP.</b>
<b>ITB 14.8 (a)(iii), (b)(ii) and (c)(v)</b>	Final Destination (Project Site): <b><i>BHUs, RHCs, Cat C &amp; D hospitals in four (04) selected districts (Peshawar, Nowshera, Swabi &amp; Haripur). The hospitals list is annexed in bidding document.</i></b>
<b>ITB 14.8 (b)(i)</b>	Place of destination: <b><i>BHUs, RHCs, Cat C &amp; D hospitals in four (04) selected districts (Peshawar, Nowshera, Swabi &amp; Haripur).</i></b>

<p><b>ITB 15.1 and 15.2</b></p>	<p><b>Local Bidders:</b> The Bid Price shall be quoted <b>only in Pakistan Rupees (PKR)</b>. All prices for Goods and Related Services, whether supplied from within Pakistan or imported, shall be expressed in PKR.</p> <p><b>International Bidders:</b> International bidder can quote in any freely convertible currencies, however evaluation will be carried out in equivalent PKR and contract will be signed in PKR. <b>For evaluation purposes, bids received in other currencies will be converted to PKR as per rate of exchange (selling rate) published by the State Bank of Pakistan.</b></p>
<p><b>ITB 16.4</b></p>	<p>Period of time the Goods are expected to be functioning (for the purpose of spare parts): Five (5) year.</p>
<p><b>ITB 17.2 (a)</b></p>	<p><b>Manufacturer’s Authorization</b></p> <p>For critical and technically complex items, Manufacturer’s Authorization shall be required where the Bidder is not the manufacturer.</p> <p>For the purpose of this procurement, critical and technically complex items shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>• Solar Photovoltaic (PV) Panels / Modules</li> <li>• Lithium-ion Batteries (including Battery Energy Storage Systems – BESS)</li> <li>• Inverters (On-grid, Off-grid, Hybrid)</li> <li>• Charge Controllers and Power Conditioning Units</li> <li>• Energy Management and Monitoring Systems</li> </ul> <p>The Bidder shall submit a Manufacturer’s Authorization from the original manufacturer confirming authorization to supply the quoted items and confirming that the manufacturer shall be responsible for warranty and after-sales support in accordance with the Contract.</p> <p><b>Failure to submit the required Manufacturer’s Authorization shall render the bid non-responsive.</b></p>
<p><b>ITB 17.2 (b)</b></p>	<p><b>Warranty:</b></p> <p>The Equipment/System shall be covered by a <b>comprehensive warranty for a period of five (5) years from the date of commissioning.</b></p> <p>The warranty shall be <b>fully included in the Bid Price</b>, and no additional cost shall be payable by the Purchaser during the warranty period.</p> <p>The warranty shall cover all defects in materials, workmanship, spare parts, consumables required for corrective maintenance, and labor.</p> <p>During the warranty period, the Bidder shall provide services in accordance with the execution of warranty mentioned in the TORs/Scope of services of the project.</p>
<p><b>ITB 18.1</b></p>	<p>The Bid shall be valid until: <b>Ninety (90) days from closing date of the RFB.</b></p>

<b>ITB 18.3 (a)</b>	The Bid price shall be adjusted by the following factor(s): N/A.
<b>ITB 19.1</b>	<p>A Bid Security “<i>shall be</i>” required.</p> <p>A Bid-Securing Declaration “shall not be” required.</p> <p>The amount and currency of the Bid Security shall be <b>PKR 10,000,000 (PKR Ten million)</b> However, international bidders can quote the same in USD (equivalent amount).</p>
<b>ITB 19.3 (d)</b>	<p>Bid Security is specified pursuant to ITB 19.1, the Bid security shall be a demand guarantee in any of the following forms at the Bidder’s option:</p> <ul style="list-style-type: none"> <li>a. An unconditional guarantee issued by a bank <b>is acceptable</b>. The non-bank financial institution (such as insurance, bonding or surety company) security <b>is not acceptable</b>.</li> <li>b. an irrevocable letter of credit;</li> <li>c. a cashier’s or certified check; or</li> </ul> <p>Other types of acceptable securities: <b>Call Deposit Receipt (CDR)/Security Deposit Receipt (SDR)/Demand Draft (DD) or any other form acceptable under the World Bank Procurement Regulations.</b></p>
<b>ITB 19.3</b>	Subject to the succeeding sentences, any Bid not accompanied by substantially compliant Bid Security shall be rejected by the Purchaser as nonresponsive. Failure to provide a compliant Bid Security within the said period shall cause the rejection of the Bid.
<b>ITB 20.1</b>	<p>In addition to the original of the Bid, the number of copies is: <b>Two (02) number of copies.</b></p> <p>Additionally, the Bidder shall submit a soft copy of complete Bid in USB containing i) a scanned copy of the complete original bid in PDF Format, and ii) filled Price Schedules in MS Excel Format. This should be enclosed in the sealed envelope containing the Original Bid. In case of discrepancy between the original bid and soft copy, the original bid shall prevail. The submission of soft copy shall not constitute an electronic bid submission, and failure to submit the soft copy with the original bid shall not lead to rejection.</p>
<b>ITB 20.3</b>	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <b>Authority Letter</b>
<b>D. Submission and Opening of Bids</b>	
<b>ITB 22.1</b>	For <b><u>Bid submission purposes</u></b> only, the Purchaser’s address is:

	<p><b>Project Director KP-HCIP Health Department, 240 Defense Colony Shami Road Peshawar.</b></p> <p>Attention: Chairman Procurement Committee</p> <p>Street Address: <b>240, St-13, Defense Colony Shami Road Peshawar.</b></p> <p>Floor/ Room number: N/A</p> <p>City: <b>Peshawar</b></p> <p>ZIP/Postal Code: 25000</p> <p>Country: <b>Pakistan</b></p> <p><b>The deadline for Bid submission is:</b></p> <p>Date: 16 March 2026</p> <p>Time: 11:30 a.m.</p> <p>[Note: The date and time should be the same as those provided in the Specific Procurement Notice - Request for Bids, unless subsequently amended pursuant to ITB 22.2.]</p>
<b>ITB 22.1</b>	Bidders Shall Not have the option of submitting their Bids electronically.
<b>ITB 25.1</b>	<p>The Bid opening shall take place at:</p> <p>Street Address: Project Director KP-HCIP Health Department, 240 Defense Colony Shami Road Peshawar.</p> <p>Country: Pakistan</p> <p>Date: Date: 16 March 2026</p> <p>Time: 11:30 am.</p>
<b>ITB 25.6</b>	<p>The Letter of Bid shall be duly signed by the Bidder or its authorized representative. Bids not including the Letter of Bid properly filled and signed will be rejected and not considered for further evaluation.</p> <p>The Letter of Bid contained in the Bid shall be initialed by three (3) representatives of the Procurement Committee conducting the Bid opening.</p>
<b>E. Evaluation and Comparison of Bids</b>	
<b>ITB 32.1</b>	<p>The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is: <b>PKR</b></p> <p>The source of selling exchange rate shall be: State Bank of Pakistan</p> <p>The date for the exchange rate shall be: Twenty-eight (28) days prior to the deadline for submission of bids, if and as extended.</p>

<b>ITB 33.1</b>	A margin of domestic preference “ <i>shall not</i> ” apply.
<b>ITB 34.2(a)</b>	Evaluation will be done for the whole as <b>one lot</b> . Bids will be evaluated lot by lot. Any bid in which the Price Schedule does not include prices for all items and their full quantities for a lot shall be rejected as non-responsive.
<b>ITB 34.6</b>	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: <i>[refer to Section III, Evaluation and Qualification Criteria; insert complementary details if necessary]</i> (a) Deviation in Delivery schedule: <b>No</b> (b) Deviation in payment schedule: <b>No</b> (c) the cost of major replacement component, mandatory spare parts, and service: <b>No</b> (d) the availability in the Purchaser’s Country of spare parts and after-sales services for the equipment offered in the Bid: <b>No</b> (e) Life cycle costs: the costs during the life of the goods or equipment: <b>No</b> (f) the performance and productivity of the equipment offered; <b>No</b> (g) The rest of evaluation criteria is mentioned in Section III, Evaluation and Qualification Criteria
<b>ITB 37.1</b>	The Bidder’s Qualification Criteria 3(a) Financial Capability and 3(b) Specific Experience, as specified (under Sub-Section 3 in Section III, Evaluation and Qualification Criteria), are applicable.
<b>ITB 39.1</b>	The Standstill period (as agreed), unless otherwise extended, shall be: Five (05) Business Days (in accordance with para 5.79 of its Procurement Regulations for IPF Borrowers, 2023); The Standstill period may be extended, , in accordance with Paragraph 5.82 of its <u>Procurement Regulations for IPF Borrowers, 2023</u> .
<b>F. Award of Contract</b>	
<b>ITB 42</b>	The maximum percentage by which quantities may be increased is: Fifteen percent (15%) The maximum percentage by which quantities may be decreased is: Fifteen percent (15%)
<b>ITB 45.1</b>	The successful Bidder <b>shall</b> submit: “Beneficial Ownership Disclosure Form”(in compliance.

<p><b>ITB 46.1</b></p>	<p>A Performance Security “<b>shall</b>” be required]</p> <p><b>Performance Guarantee:</b> The Supplier shall submit a Performance Security in an amount equal to ten percent (10%) of the Contract Price at the time of contract signing, in accordance with the requirements specified in the Instructions to Bidders (ITB) and the Conditions of Contract.</p> <p>The Performance Security shall be in the form specified in the Contract and shall remain valid until the Supplier has fulfilled its contractual obligations, including delivery, installation, inspection, acceptance, and warranty obligations.</p> <p>The Performance Security shall be released progressively as follows, subject to satisfactory performance by the Supplier:</p> <ul style="list-style-type: none"> <li>a) Twenty percent (20%) of the Performance Security shall be released upon successful completion of the first year of the warranty period.</li> <li>b) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the second year of the warranty period.</li> <li>c) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the third year of the warranty period.</li> <li>d) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the fourth year of the warranty period.</li> <li>e) The remaining balance of the Performance Security shall be released upon successful completion of the fifth year of the warranty period.</li> </ul> <p>The Performance Security may be provided in the form of a single Bank Guarantee and shall be partially released in accordance with the above schedule.</p>
<p><b>ITB 47.1</b></p>	<p>The procedures for making a Procurement-related Complaint are detailed: under Annex III of <a href="#">Procurement Regulations for IPF Borrowers</a>;</p> <p>If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, <u>in writing</u> (by the quickest means available, that is either by email or fax), to:</p> <p><b>For the attention:</b> <i>Dr. Muhammad Bilal Khan</i></p> <p><b>Title/position:</b> Project Director KP-HCIP</p> <p><b>Employer:</b> KP-HCIP (Health)</p> <p><b>Email address:</b> <a href="mailto:kphciphealth163@gmail.com">kphciphealth163@gmail.com</a></p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ul style="list-style-type: none"> <li>1. the terms of the Bidding Documents, subject to ITB 7; and</li> <li>2. the Purchaser’s decision to exclude a Bidder from the procurement process, under ITB 40.1.</li> </ul>

<p><b>ITB 49.1</b></p>	<p><b>For Bidders:</b></p> <p>Excepting the countries upon which international sanctions are imposed, and Pakistan prohibits commercial relations (as a matter of law or official regulation) with any or does not recognize any including all other countries; A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract, including related services;</p> <p><b>For Goods and Related Services:</b></p> <p>all Goods and Related Services to be supplied under the Contract, shall have their country of origin in eligible source countries which are same as for Bidders, and all expenditures under the Contract will be limited to such Goods and Related Services.</p> <p>For purposes of this clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, transportation, installation, commissioning, training, and initial maintenance.</p> <p>The term “country of origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.</p> <p>The nationality of the firm that produces, assembles, distributes, or sells the goods shall not determine their origin.</p>
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# Section III. Evaluation and Qualification Criteria (EQC)

This Section contains all the criteria that the Purchaser may use to evaluate a Bid and determine whether a Bidder has the required qualifications.

## [Most Advantageous Bid

The Purchaser shall use the criteria and methodologies listed in the following Sub-Section 2 (Evaluation of Bid) and Sub-Section 3 (Qualification of Bidder), once having verified Eligibility of Bidder under Sub-Section 1, to determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and (b) having the lowest evaluated price.]

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- 1. Eligibility of Bidder (ITB 4) .....
- 2. Evaluation of Bid (ITB 34) .....
- 3. Qualification of Bidder (ITB 37).....

**1. Eligibility of Bidder (ITB 4)**

Criteria	Compliance Requirements			Documents
Requirement	Single Entity	Joint Venture		Corresponding Submission
		All Partners Combined	Each Partner	

**1.1 Nationality**

Nationality in accordance with ITB 4.4, subject to ITB 49.1.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bidder's/ JV members Information Form(s)
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**1.2 Conflict of Interest**

No conflicts of interest in accordance with ITB 4.2.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid
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**1.3 Eligibility**

Not having been declared ineligible, as described in ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid
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**1.4 State-Owned Enterprise or institution of Pakistan**

Bidder required to meet conditions of ITB 4.6.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bidder's/ JV members Information Form(s)
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**1.5 United Nations resolution or Pakistan law**

Not having been excluded as a result of prohibition in Pakistan laws or official regulations against commercial relations with the Bidder's country, or by an act of compliance with UN Security Council resolution, both in accordance with ITB 4.8.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid
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**1.6 Registration of National Bidders**

Registration with: Regulatory Body / Licensing Authority, and FBR.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bidder's/ JV members Information Form(s)
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**2. Evaluation of Bid (ITB 34)**

Technical evaluation of the Bid shall be done as specified in Section V, Schedule of Requirements; which as a minimum, if not specified thereunder, shall include verification of Bidder's compliance against technical requirements in accordance with 'Technical Requirements Checklist' provided under Section IV, Bidding Forms and / or through Inspection and Testing of Samples if so required.

### 2.1. Evaluation Criteria (ITB 34.6)

The Purchaser's evaluation of a Bid may take into account, in addition to the Bid Price quoted in accordance with ITB 14.8, one or more of the following factors as specified in ITB 34.2(f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

(a) *Delivery schedule: (As per Incoterms specified in the BDS) (NOT APPLICABLE)*

*The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section V, Schedule of Requirements. No credit will be given to deliveries before the earliest date, and Bids offering delivery after the final date shall be treated as nonresponsive. Within this acceptable period, an adjustment of [insert the adjustment factor], will be added, for evaluation purposes only, to the Bid price of Bids offering deliveries later than the "Earliest Delivery Date" specified in Section V, Schedule of Requirements.*

(b) *Deviation in payment schedule: [insert one of the following] (NOT APPLICABLE)*

(i) *Bidders shall state their Bid price for the payment schedule outlined in the SCC. Bids shall be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in Bid price they wish to offer for such alternative payment schedule. The Purchaser may consider the alternative payment schedule and the reduced Bid price offered by the Bidder selected on the basis of the base price for the payment schedule outlined in the SCC. **OR***

(i) *The SCC stipulates the payment schedule specified by the Purchaser. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Purchaser, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate per annum [insert adjustment rate].*

(c) *Cost of major replacement components, mandatory spare parts, and service: [insert one of the following] (NOT APPLICABLE)*

(i) *The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the BDS 16.4, is in the List of Goods. An adjustment equal to the total cost of these items, at the unit prices quoted in each Bid, shall be added to the Bid price, for evaluation purposes only. **OR***

(i) *The Purchaser will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the BDS 16.4. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the Bid price, for evaluation purposes only.*

(d) *Availability in Pakistan of spare parts and after sales services for equipment offered in the Bid:*

An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories if quoted separately, shall be added to the Bid price, for evaluation purposes only. *N/A*

(e) Life Cycle Costs: **(NOT APPLICABLE)**

If specified in BDS 34.6, an adjustment to take into account the additional life cycle costs for the period specified below, such as the operating and maintenance costs of the Goods, will be added to the Bid price, for evaluation purposes only. The adjustment will be evaluated in accordance with the methodology specified below and the following information:

*[Note to Purchaser: Life cycle costing should be used when the costs of operation and/or maintenance over the specified life of the goods are estimated to be considerable in comparison with the initial cost and may vary among different Bids. Life cycle costs shall be evaluated on a net present value basis. If life cycle costs apply, then specify the factors required to determine them for evaluation purposes.]*

*[Either amend the following text as required, or delete if life cycle cost is not applicable]*

- (i) number of years for life cycle cost determination *[insert the number of years]*;
- (ii) the discount rate to be applied to determine the net present value of future operation and maintenance costs (recurrent costs) is *[insert the discount rate]*;
- (iii) the annual operating and maintenance costs (recurrent costs) shall be determined on the basis of the following methodology: *[insert methodology]*;
- (iv) and the following information is required from bidders *[insert any information required from bidders, including prices]*.

(f) Functional Performance and productivity of the equipment: *N/A*

- (i) An adjustment representing the capitalized cost of additional operating costs over the life of the goods will be added to the Bid price, for evaluation purposes if specified in the BDS 34.6. The adjustment will be evaluated based on the drop in the (functional) guaranteed performance or efficiency offered in the Bid below the norm of 100, using the methodology specified below.

*[insert the methodology and criteria if applicable]* **OR**

- (i) An adjustment to take into account the productivity of the goods offered in the Bid will be added to the Bid price, for evaluation purposes only, if specified in BDS 34.6. The adjustment will be evaluated based on the cost per unit of the actual productivity of goods offered in the Bid with respect to minimum required values, using the methodology specified below.

*[insert the methodology and criteria if applicable]*

(g) Specific additional criteria: **(NOT APPLICABLE)**

*[Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in BDS 34.6][If specific **sustainable procurement technical requirements** have been specified in Section V, Schedule of Requirements (Specifications), **either** state that (i) those requirements will be evaluated on a pass/fail (compliance basis) **or** otherwise (ii) in addition to evaluating those requirements on a pass/fail (compliance basis), if applicable, specify the monetary adjustments to be applied to Bid Prices]*

*for comparison purposes on account of Bids that exceed the specified minimum sustainable procurement technical requirements.]*

## **2.2. Multiple Contracts (ITB 34.4)**

If in accordance with ITB 1.1, Bids are invited for individual lots or for any combination of lots, the contract will be awarded to the Bidder or Bidders offering a substantially responsive Bid(s) and the lowest evaluated cost to the Purchaser for combined lots, after considering all possible combination of lots, subject to the selected Bidder(s) meeting the required qualification criteria (Sub-Section 3 of this Section III) for a lot or combination of lots as the case may be.

In determining Bidder or Bidders that offer the total lowest evaluated cost to the Purchaser for combined lots, the Purchaser shall apply the following steps in sequence:

- (a) evaluate individual lots to determine the substantially responsive Bids and corresponding evaluated costs;
- (b) for each lot, rank the substantially responsive Bids starting from the lowest evaluated cost for the lot;
- (c) apply to the evaluated costs listed in b) above, any applicable discounts/price reductions offered by a Bidder (s) for the award of multiple contracts based on the discounts and the methodology for their application offered by the respective Bidder; and
- (d) determine contract award on the basis of the combination of lots that offer the total lowest evaluated cost to the Purchaser.

## **2.3. Alternative Bids (ITB 13.1) NOT APPLICABLE**

*An alternative if permitted under ITB 13.1, will be evaluated as follows:*

*[insert one of the following]*

“A Bidder may submit an alternative Bid only with a Bid for the base case. The Purchaser shall only consider the alternative Bids offered by the Bidder whose Bid for the base case was determined to be the Most Advantageous Bid.” **OR**

“A Bidder may submit an alternative Bid with or without a Bid for the base case. The Purchaser shall consider Bids offered for alternatives as specified in the Technical Specifications of Section V, Schedule of Requirements. All Bids received, for the base case, as well as alternative Bids meeting the specified requirements, shall be evaluated on their own merits in accordance with the same procedures, as specified in the ITB 34.”

## **2.4. Margin of Preference (ITB 33) NOT APPLICABLE**

*[Applies only in case of government funding. Similarly, for off- the- shelf Goods, normally not applicable, in which case delete this provision]*

If the Bid Data Sheet (BDS) so specifies, the Purchaser will grant a margin of preference to goods manufactured in Pakistan for the purpose of Bid comparison, in accordance with the procedures outlined in subsequent paragraphs; subject to Ministry of Commerce, Government of Pakistan S.R.O.827(I)/2001.

Substantially responsive Bids will be classified in one of three groups, as follows:

- (a) **Group A:** Bids offering goods manufactured in Pakistan, for which (i) labor, raw materials, and components from within Pakistan account for (I) minimum of twenty (20) percent, OR (II) over twenty (20) percent and up to thirty (30) percent, OR (III) over thirty (30) percent of the EXW price;

- and (ii) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Bid submission: Provided that:
- (1) the saving in foreign exchange is not less than the amount of price preference; and
  - (2) it is ensured that in each case of such preference, the total import requirements for producing the supplies tendered for locally manufactured items has been duly indicated by the bidders;
- (b) **Group B:** All other Bids offering Goods manufactured in Pakistan;
- (c) **Group C:** Bids offering Goods manufactured outside Pakistan that have been already imported or that will be imported.

To facilitate this classification by the Purchaser, the Bidder shall complete whichever version of the Price Schedule furnished in the bidding document is appropriate provided, however, that the completion of an incorrect version of the Price Schedule by the Bidder shall not result in rejection of its Bid, but merely in the Purchaser's reclassification of the Bid into its appropriate Bid group.

The Purchaser will first review the Bids to confirm the appropriateness of, and to modify as necessary, the Bid group classification to which Bidders assigned their Bids in preparing their Bid Forms and Price Schedules.

The Bids in each group will then be compared to determine the Bid with the lowest evaluated cost in that group. The lowest evaluated cost Bid from each group shall then be compared with each other and if as a result of this comparison a Bid from Group A or Group B is the lowest, it shall be selected for the award.

If as a result of the preceding comparison, a Bid from Group C is the lowest evaluated cost, all Bids from Group C shall be further compared with the Bid with the lowest evaluated cost from Group A after adding to the evaluated costs of goods offered in each Bid from Group C, for the purpose of this further comparison only, an amount equal to [(I) 15% (fifteen percent) OR (II) 20% (twenty percent) OR (III) 25% (twenty five percent), respectively as per three categories given under sub-paragraph (a) herein above] of the respective CIP Bid price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Bid from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated cost from Group C shall be selected.

### 3. Qualification of Bidder (ITB 37)

After determining the substantially responsive Bid which offers the lowest-evaluated cost in accordance with ITB 34, and, if applicable, the assessment of any Abnormally Low Bid (in accordance with ITB 36) the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

<b>Mandatory Criteria</b>	<b>Yes/No</b>
<p><b>(a) Financial Capability:</b></p> <p><b>1. Audited Financial Statements:</b> The Bidder shall submit audited financial statements (or, if not required by national law, other certified financial statements acceptable to the Purchaser) for the last three (03) years, demonstrating the current soundness of the Bidder's financial position.</p>	

<p><b>2. Average Annual Turnover (AATO):</b> Minimum Average Annual Turnover of PKR 1500 million (or equivalent) during the last three (03) years, calculated as total certified payments received for contracts in progress and/or completed.</p> <p><b>3. Financial Resources:</b> The Bidder shall demonstrate access to or availability of financial resources such as liquid assets, unencumbered lines of credit, or other financial means of at least PKR 250 million to meet the cash flow requirements for the contract and current commitments.</p> <p>For a Joint Venture (JV), each member must meet at least 50% of the required AATO and financial resources individually.</p>	
<p><b>(b) Specific Experience:</b></p> <p>1. The Bidder must have completed at least one (01) contract within the last five (05) years of similar nature and complexity involving:</p> <ul style="list-style-type: none"> <li>○ Supply, Installation, Testing and Commissioning of Solar Power Systems (preferably in public sector or institutional facilities),</li> <li>○ Each contract with a value of at least PKR 800 million, and</li> <li>○ Successfully completed and commissioned.</li> <li>○ All contracts shall have been successfully completed and commissioned. Evidence included the contract agreement and end user satisfactory performance report / completion report.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <p>2. The Bidder must have completed at least two (02) contracts within the last five (05) years of similar nature and complexity involving:</p> <ul style="list-style-type: none"> <li>○ Supply, Installation, Testing and Commissioning of Solar Power Systems (preferably in public sector or institutional facilities),</li> <li>○ Each contract with a value of at least PKR 400 million, and</li> <li>○ Successfully completed and commissioned.</li> <li>○ All contracts shall have been successfully completed and commissioned. Evidence included the contract agreement and end user satisfactory performance report / completion report.</li> </ul>	
<p><b>(c) Documentary Evidence:</b></p> <p>The Bidder shall furnish documentary evidence to demonstrate:</p> <ul style="list-style-type: none"> <li>• Compliance of offered goods with the technical specifications and standards defined in the Schedule of Requirements.</li> <li>• Undertaking of availability of local service centers or authorized partners for warranty support.</li> </ul>	

<ul style="list-style-type: none"> <li>• Undertaking of compliance with all safety, environmental, and electrical standards applicable in Pakistan.</li> </ul>										
<p><b>(d) Manufacturer’s authorization:</b></p> <p>The Bidder shall provide Manufacturer’s Authorization for all major equipment (PV panels, inverters, batteries, and mounting structures etc.) as per Section IV – Bidding Forms confirming:</p> <ol style="list-style-type: none"> <li>Authorization to supply in Pakistan,</li> <li>Warranty and after-sales service commitment for five (05) years warranty period support.</li> </ol> <p><b>The Bidder shall confirm provision of:</b></p> <ul style="list-style-type: none"> <li>• Minimum five (05) years warranty for all supplied solar equipment including PV modules, inverters, batteries, and associated components.</li> <li>• Local technical support and availability of replacement parts during the warranty period.</li> </ul>										
<p><b>(e) Manufacturing experience and Technical Capacity:</b> The Bidder shall have qualified technical personnel, adequate facilities, and authorization to perform the contract.</p>										
<p><b>(f) Licenses and Registrations (Mandatory):</b></p> <ul style="list-style-type: none"> <li>○ Valid AEDB (Alternative Energy Development Board) License in relevant category.</li> <li>○ Valid KPRA Registration Certificate.</li> <li>○ Valid FBR Registration and NTN.</li> <li>○ <b>PEC License:</b> The firm must hold valid PEC registration in any of the following relevant categories of EE-11, EE-05, EE-06, ME-02, ME-07.</li> </ul>										
<p><b>(g) Engineering and Technical Personnel:</b></p> <p>The following Key Personnel must be registered with Pakistan Engineering Council (PEC) and attached with the firm:</p> <table border="1" data-bbox="261 1535 1170 1869"> <thead> <tr> <th>Position</th> <th>Minimum No. Required</th> <th>Qualification &amp; Experience</th> </tr> </thead> <tbody> <tr> <td>Electrical Engineers</td> <td>3</td> <td>B.Sc. Electrical Engineering with minimum 5 years’ experience in solar power system design and installation.</td> </tr> <tr> <td>Mechanical Engineer</td> <td>1</td> <td>B.Sc. Mechanical Engineering with minimum 3 years’ experience in relevant installation work.</td> </tr> </tbody> </table>	Position	Minimum No. Required	Qualification & Experience	Electrical Engineers	3	B.Sc. Electrical Engineering with minimum 5 years’ experience in solar power system design and installation.	Mechanical Engineer	1	B.Sc. Mechanical Engineering with minimum 3 years’ experience in relevant installation work.	
Position	Minimum No. Required	Qualification & Experience								
Electrical Engineers	3	B.Sc. Electrical Engineering with minimum 5 years’ experience in solar power system design and installation.								
Mechanical Engineer	1	B.Sc. Mechanical Engineering with minimum 3 years’ experience in relevant installation work.								

Civil Engineer	1	B.Sc. Civil Engineering with minimum 3 years' experience in foundation and structural mounting for solar systems.	
PEC registration numbers and employment status of each professional shall be verified against the firm's valid PEC license.			
<b>(h)</b> The bidder shall submit non-blacklisting certificate on judicial stamp paper.			
<b>(i)</b> The bidder shall submit proper plan for the complete scope of supply to be completed within the five (05) month timelines from the date of signing of contract.			
<b>(j)</b> The Bidder shall submit a bid-stage Environmental and Social Management Plan (ESMP), consistent with the activities and risks described in the ToRs. The ESMP shall be evaluated on a pass/fail basis. Failure to submit an ESMP, or submission of an ESMP not aligned with the ToRs, shall result in disqualification.			

## Section IV. Bidding Forms (BDF)

This Section contains the forms which are to be completed by the Bidder and submitted as part of its Bid. Few *Incoterms*, as defined and developed (updated till 2020) by the International Chamber of Commerce (ICC) in Paris, have also been provided at the end of this Section for the sake of clarity where required. *[Some items of this Section shall be a part of the Contract, as per list given under the form of Contract Agreement in Section VIII, Contract Forms.]*

### Table of Forms

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**Price Schedule: Goods Manufactured in Pakistan .....**

**Price and Completion Schedule - Related Services .....**

**Incoterms 2020 .....**

## Letter of Bid

*INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT*

*The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.*

*Note: All italicized text is to help Bidders in preparing this form.*

**Date of this Bid submission:** *[insert date (as day, month and year) of Bid submission]*

**RFB No.:** *[insert number of RFB process]*

**Request for Bid No.:** *[insert identification]*

**Alternative No.:** *[insert identification No if this is a Bid for an alternative]*

**To:** *[insert complete name of Purchaser]*

In submitting our Bid, we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in Pakistan in accordance with ITB 4.7;
- (d) **Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others]:*  
 We *[where JV, insert: "including any of our JV members"]*, and any of our subcontractors:
  - (i) *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
  - (ii) *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
  - (iii) *[had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.];*
- (e) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]* \_\_\_\_\_;
- (f) **Bid Price:** The total price of our Bid, excluding any discounts offered in the next item is:
 

Option 1, in case of one lot: Total price is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies]*;

Or

Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]*; and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies]*;

- (g) **Discounts:** The discounts offered and the methodology for their application are:
- (i) The discounts offered are: *[Specify in detail each discount offered.]*
- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*
- (h) **Bid Validity:** Our Bid shall be valid until *[insert day, month and year in accordance with ITB 18.1]*, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (i) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (j) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (k) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Bank or a debarment imposed by the Bank in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the Bank and other development banks. Further, we are not ineligible under the Pakistan laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (l) **State-owned enterprise or institution:** *[select the appropriate option and delete the other]* *[We are not a state-owned enterprise or institution]* / *[We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (m) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”);

- (n) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (o) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive; and
- (p) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption and that we have attached ‘**Integrity Pact**’ with our Bid in accordance with ITB 48.1.
- (q) **Registration of National Bidders:** We are registered with *[insert name of the Registration / Licensing authority]* to establish and run our business in this field, and we appear on Active Tax Payers’ List of FBR.

- (r) **We agree to permit** *[insert name of funding source as specified in Bid Data Sheet ITB 2.1]* or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by *[insert name of funding source as specified in Bid Data Sheet ITB 2.1]*.

**Name of the Bidder:** *\*[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** *\*\*[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**CNIC / Passport Number of the person named above (For National Bidders):** *[insert CNIC / Passport Number of the person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

\*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

\*\* : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with this Bid.

## Technical Part

The Bid shall include all relevant information required to evaluate the Bid in accordance with the technical requirements, as given under Section V, Schedule of Requirements.

To establish the conformity of the Goods and Related Services to the RFB document, the Bidder shall furnish the documentary evidence that the Goods conform to the Technical Specifications and standards, including any essential technical and performance characteristics specified in Section V, Schedule of Requirements. Any required functional guarantees shall also be provided. The attached forms/format may support the Bidder to organize information required to present its Bid.

The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the Technical Specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section V, Schedule of Requirements.

In the interest of timely bid evaluation and contract award, Bidders are encouraged not to overload the supporting materials with documents that do not directly address the Purchaser's requirements.

The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period (if and as) specified in the ITB / BDS 16.4 following commencement of the use of the goods by the Purchaser.

Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section V, Schedule of Requirements.

If the contract has been assessed to present potential or actual cyber security risks, the Bid must include proposed cyber security risks management plan.

If there are assessed supply chain risks, the Bid must include proposed supply chain risk management plan.

The Manufacturer's Authorizations shall be included in accordance with ITB / BDS 17.2 (a) and the attached Manufacturer's Authorization form; it may not normally be the case for off-the-shelf Goods.

**The Bidder may have to furnish samples, if required, in accordance with ITB / BDS 16.6 along with its Bid**

## Technical Requirements Checklist

*[to be used as applicable]*

Technical Requirement No. _	Technical Requirement [Purchaser to insert description of requirement]	Bidder's technical requirement's compliance [to be inserted by Bidder]	Bidder's references to supporting information in the Bid
	Supply, Installation, Commissioning and training of 10 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications.		
	Supply, Installation, Commissioning and training of 20 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		
	Supply, Installation, Commissioning and training of 30 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		
	Supply, Installation, Commissioning and training of 50 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		

## Functional Guarantees

*[to be used as applicable]*

The Bidder shall copy in the left column of the table below; the identification of each functional guarantee required in the Specification and in the right column, provides the corresponding value for each functional guarantee of the proposed Goods.

<b>Required Functional Guarantee</b>	<b>Value of Functional Guarantee of the Goods</b>
1.	
2.	
3.	
...	

Note: For Off the Shelf Goods, functional (performance) guarantee is normally printed either on the Goods or on their packing, and / or Retailors provide functional (performance) guarantee on their letter head pad that is the normal practice in Pakistan for claiming the loss without any 'Functional-Performance-Guarantee' from a third-party Guarantor.

## Manufacturer's Authorization

*[If applicable under BDS: ITB 17.2 (a); may not normally be the case for off-the-shelf Goods]*

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS**.]*

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

We confirm that we do not engage or employ forced labor or persons subject to trafficking or child labor, in accordance with Clause 14 of the General Conditions of Contract.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

## Bidder Information Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

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1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member: <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, documents establishing its eligibility in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on Beneficial Ownership Disclosure Form.]</i>
9. Attached are copies of registration with Regulatory Body / Licensing Authority and FBR (For National Bidders).

## Bidder's JV Members Information Form

*[To be completed for each member of Bidder's JV]*

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing its eligibility in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the JV member of the successful Bidder shall provide additional information on Beneficial Ownership Disclosure Form.]</i>
9. Attached are copies of registration with Regulatory Body / Licensing Authority and FBR ( <i>For National Bidders</i> ).

## Form SEA: Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration

*[The following table shall be filled in by the Bidder, each member of a Joint Venture and each subcontractor proposed by the Bidder]*

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Subcontractor's Name: *[insert full name]*

RFB No. and title: *[insert RFB number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>SEA and/or SH Declaration</b> <b>in accordance with the Bank's Requirements under ITB 37.3</b>
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.</p> <p><b><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></b></p>

## Form FIN-1: Financial Capability

Each Bidder shall fill out this form; in accordance with item 3 (a) under Sub-Section 3 of Section III, Evaluation and Qualification Criteria.

In case of a Joint Venture, each Joint Venture Member shall fill out this form separately and provide the Joint Venture Member's name:

Joint Venture Member: \_\_\_\_\_

Financial Data for Previous <u>  3  </u> Years [PKR Equivalent*]		
Year 1:	Year 2:	Year <u>  3  </u> :

### Information from Balance Sheet

<b>Total Assets (TA)</b>			
<b>Total Liabilities (TL)</b>			
<b>Net Worth = TA-TL</b>			
<b>Current Assets (CA)</b>			
<b>Current Liabilities (CL)</b>			
<b>Working Capital = CA - CL</b>			

\* Apply selling exchange rate(s) of State Bank of Pakistan, prevailing on the last day of the respective year (in which the amount for that year is to be converted).

<b>Most Recent Working Capital</b>		Demonstrating the current soundness of the Bidder's / JV Member's financial position
------------------------------------	--	--

### Information from Income Statement

<b>Total Revenues</b>			
<b>Profits Before Taxes</b>			
<b>Profits After Taxes</b>			

Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last \_\_\_\_\_ years, as indicated above, complying with the following conditions:

- 1) Unless otherwise required by Sub-Section 3 of Section III, Evaluation and Qualification Criteria, all such documents reflect the standalone financial situation of the legal entity or entities comprising the Bidder and not the Bidders parent companies, subsidiaries, or affiliates.
- 2) Historical financial statements must be audited by a certified accountant.
- 3) Historical financial statements must be complete, including all notes to the financial statements.
- 4) Historical financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

## Form FIN - 2: Size of Operation (Average Annual Turnover)

Each Bidder must fill out this form.

The information supplied should be the Annual Turnover of the Bidder or each partner of a Joint Venture for the total certified payments received from the clients for contracts in progress or completed, converted to US dollars at the rate of exchange at the end of the period reported.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: \_\_\_\_\_

Annual Turnover Data for the Last . . 3 . . Years			
Year	Amount Currency	Exchange Rate	\$ Equivalent
<b>Average Annual Turnover</b>			

**- Note -**

*This form shall only be included if Criterion "Financial Capability" of Section 3 (Evaluation and Qualification Criteria) is applicable.*

### Form FIN - 3: Cash Flow Capacity

Specify proposed sources of financing, such as working capital, liquid assets,<sup>1</sup> lines of credit, and other financial resources (other than any contractual advance payments) available to meet the cash flow requirements indicated under Criterion “*Financial Capability*” of Section 3 (Evaluation and Qualification Criteria).

Financial Resources		
No.	Source of financing	Amount (\$ equivalent)
1		
2		
3		

**- Note -**

*This form shall only be included if Criterion “Financial Capability” of Section 3 (Evaluation and Qualification Criteria) is applicable.*

<sup>1</sup> Liquid assets mean cash and cash equivalents, short-term financial instruments, short-term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables, and other assets that can be converted into cash within one (1) year.

## Form EXP: Specific Experience

Each Bidder shall fill out one form per contract; in accordance with item 3 (b) under Sub-Section 3 of Section III, Evaluation and Qualification Criteria. Each contract shall be supported by Signed Contract Agreement and Completion Certificate or Performance Certificate.

Specific Experience		
Contract No . . . . . of . .....	<b>Contract Identification</b>	
<b>Award Date</b>	<b>Completion Date</b>	
<b>Role in Contract</b>	<input type="checkbox"/> <b>Manufacturer</b> <input type="checkbox"/> <b>Supplier</b> <input type="checkbox"/> <b>Subcontractor</b>	
<b>Total Contract Amount</b>	<b>PKR Equivalent*</b>	
<b>If partner in a joint venture or subcontractor, specify participation of total contract amount and items supplied</b>	<b>Percent of Total</b>	<b>Amount and Specific items supplied</b>
<b>Purchaser's name</b> <b>Address</b> <b>Telephone/Fax Number</b> <b>E-mail</b>		

\* Apply selling exchange rate(s) of State Bank of Pakistan, prevailing on the last day of the respective year (in which the amount for that year is to be converted).

## Technical Experience

Fill out one (1) form per contract. Each contract shall be supported by Signed Contract Agreement.

Technical Experience	
<b>Name of Product</b>	
<b>Manufacturer:</b>	<b>Address and Nationality:</b>
Requirements in accordance with Manufacturing Experience and Technical Capacity as specified in Section 3 (Evaluation and Qualification Criteria)	
<p><b>(i) Goods of similar nature and complexity have been in production for at least . . . . . years prior to the bid submission deadline.</b></p>	
<p><b>(ii) Annual production capacity of goods of similar nature and complexity for each of the last ___ years [e.g. three years] prior to the bid submission deadline, is at least ___ times the quantities specified under the contract.</b></p>	
<p><b>(iii) Product has been in operation for a minimum of . . . . . years.</b></p>	

**- Note -**

*This form shall only be included if Criterion “Manufacturing experience and Technical Capacity” of Section 3 (Evaluation and Qualification Criteria) is applicable. Add pages as necessary. The Purchaser reserves the right to verify authenticity of Bidder submissions.*

## Production Capacity

Fill out one (1) form per product and manufacturer.

Production Capacity	
<b>Name of Product</b>	
<b>Manufacturer:</b>	<b>Address and Nationality:</b>
<b>Requirements in accordance with Criterion “Manufacturing experience and Technical Capacity” of Section 3 (Evaluation and Qualification Criteria)</b>	
<b>Production facility 1 (include location):</b>	
<b>Production facility 2 (include location):</b>	
<b>Production facility 3 (include location):</b>	

**- Note -**

*This form shall only be included if Criterion “Manufacturing experience and Technical Capacity” of Section 3 (Evaluation and Qualification Criteria) is applicable. The Purchaser reserves the right to verify authenticity of Bidder submissions.*

## FORM OF INTEGRITY PACT

*[As specified in Sections I and II, under ITB 48 and BDS 11.1(k)]*

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

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_  
Contract Value: \_\_\_\_\_  
Contract Title: \_\_\_\_\_

..... [Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder’s fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

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

[Name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder’s fee or kickback given by [name of Supplier] 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 Purchaser: .....  
Signature: .....

Name of Supplier: .....  
Signature: .....

[Seal]

[Seal]

## Form of Bid Security (Bank Guarantee)

*[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Purchaser to insert its name and address]*

**RFB No.:** *[Purchaser to insert reference number for the Request for Bids]*

**Alternative No.:** *[Insert identification No if this is a Bid for an alternative]*

**Date:** *[Insert date of issue]*

**BID GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_\_\_\_\_ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of \_\_\_\_\_ under Request for Bids No. \_\_\_\_\_ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (\_\_\_\_\_) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid prior to the Bid validity expiry date set forth in the Applicant's Letter of Bid, or any extended date provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary prior to the expiry date of the Bid validity or any extension thereof provided by the Applicant has failed to: (i) sign the Contract, or (ii) furnish the performance security, and, if required, the Environmental and Social (ES) Performance Security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the expiry date of the Bid validity.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

\_\_\_\_\_  
*[signature(s) and seal of bank]*

*[Note: If the Bid Security is issued by a bank located outside Pakistan, it shall be counter-guaranteed by a correspondent bank located in Pakistan, for being encashable in Pakistan; and in case of a Joint Venture, the Security must be in the name of all members of the Joint Venture that submits the Bid]*

## Form of Bid Securing Declaration (Not Applicable)

*[The Bidder shall fill in this Form in accordance with the instructions indicated.]*

Date: *[date (as day, month and year)]*

Bid No.: *[number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[complete name of Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding or submitting proposals in any contract with the Purchaser for the period of time specified in Section II, Bid Data Sheet, if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid prior to the expiry date of the Bid validity specified in the Letter of Bid or any extended date provided by us; or
- (b) having been notified of the acceptance of our Bid by the Purchaser prior to the expiry date of the Bid validity in the Letter of Bid or any extended date provided by us: (i) fail or refuse to sign the Contract, or (ii) fail or refuse to furnish the Performance Security, and, if required, the Environmental and Social (ES) Performance Security, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiry date of the Bid validity.

Name of the Bidder: *\*[insert complete name of the Bidder]* \_\_\_\_\_

Name of the person duly authorized to sign the Bid on behalf of the Bidder\*\**[insert name of person duly authorized to sign the Bid]* \_\_\_\_\_

Title of the person signing the Bid \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\* In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

\*\* Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

*[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]*

## Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements under Section V.]*

For simple Off the Shelf Goods supplied by registered / licensed Retailors (irrespective of their manufacture, either in Pakistan or outside Pakistan) that meet the Specifications, the Purchaser may use its own simple-single Form for 'Price and Delivery Schedule of Goods'; instead of using the three complex Forms provided below.

### Price Schedule:

						Date: _____			
						RFB No: _____			
						Page N° _____ of _____			
1	2	3	4	5	6				
Line Item N°	Description of Goods	Delivery Period (No of Days) as defined by Incoterms	Quantity and physical unit	Unit price DDP Project Site	Total Price DDP Project Sites per line item (Col. 4x5)				
1	Supply, Installation, Commissioning and training of 10 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications.	180 Days	71 Complete Set						

2	Supply, Installation, Commissioning and training of 20 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	180 Days	25 Complete Set						
3	Supply, Installation, Commissioning and training of 30 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	180 Days	80 Complete Set						

4	Supply, Installation, Commissioning and training of 50 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	180 Days	19 Complete Set						
								Total Price	

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

• **Completion Schedule - Related Services**

Date: _____						
RFB No: _____						
Page N° _____ of _____						
1	2		4	5		
Service N°	Description of Services		Delivery Period in Days at place of Final destination	Quantity and physical unit		
1	Supply, Installation, Commissioning and training of 10 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications.		180 Days	71		
2	Supply, Installation, Commissioning and training of 20 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		180 Days	25		
3	Supply, Installation, Commissioning and training of 30 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		180 Days	80		
4	Supply, Installation, Commissioning and training of 50 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications		180 Days	19		


Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

## Section V. Schedule of Requirements (SOR)

The Schedule of Requirements (SOR) shall cover, at a minimum, a description of Goods along with delivery schedule, and Related Services along with completion schedule. Further, the SOR together with the Price Schedule (included in Section IV), should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITB 42.1. The date or period for delivery (after the date of effectiveness of the Contract) should be carefully specified keeping in view the delivery terms in pursuant to the *Incoterms* e.g. EXW (delivery takes place at factory or warehouse etc.), and CIP (delivery takes place when Goods are delivered to the carriers); as further elaborated at the end of Section IV. *[This Section shall be a part of the Contract.]*

### Contents

- 1. List of Goods and Delivery Schedule .....
- 2. List of Related Services and Completion Schedule.....
- 3. Technical Specifications .....
- 4. Drawings .....
- 5. Inspections and Tests .....
- 6. Samples of Goods.....

**Solarization of 195 Primary and Secondary Healthcare Facilities  
KP-HCIP Health Component | Government of Khyber Pakhtunkhwa**

**Terms of Reference: Solarization of 195 Healthcare Facilities under KP-HCIP**

### **Background**

In a major initiative to strengthen healthcare infrastructure in Khyber Pakhtunkhwa, the Health Department is implementing a project to solarize 195 health facilities across four districts (Peshawar, Nowshera, Swabi, Haripur) under the Khyber Pakhtunkhwa Human Capital Investment Project (Health Component, KP-HCIP). This project aims to provide reliable, sustainable power to healthcare centers, ensuring uninterrupted health services and reducing dependence on grid electricity and diesel generators. The facilities to be solarized include 151 Basic Health Units (BHUs), 25 Rural Health Centers (RHCs), and 19 Category-C/D Hospitals. These comprise 71 **daytime-use BHUs** (operating 8 AM–2 PM) and 80 **BEmONC BHUs** (24/7 Basic Emergency Obstetric and Newborn Care centers), along with the RHCs and Category-C/D hospitals. By deploying hybrid on-grid solar systems with battery backup at these sites, the project seeks to improve healthcare service delivery by ensuring power availability even during outages, in line with the broader KP-HCIP objectives of enhancing primary healthcare and resilience of health facilities.

### **Objectives**

- **Ensure Uninterrupted Power Supply:** Provide a **reliable and continuous electricity supply** (minimum 98% uptime) to critical healthcare facilities, enabling lights, medical equipment, cold-chain storage, and other essential services to remain operational at all times.
- **Sustainable Energy and Cost Savings:** Reduce dependence on unstable grid power and eliminate or minimize generator use by harnessing solar energy. This will lower operating costs and contribute to clean energy goals in the province.
- **Improve Healthcare Outcomes:** Enhance the quality of healthcare services by stabilizing power for lighting, labor rooms, operation theaters, labs, and vaccine refrigerators. Reliable power will particularly benefit maternal, neonatal, and emergency services (especially in 24/7 BEmONC centers and hospitals).
- **Capacity Building and Infrastructure Upgrade:** Upgrade facility infrastructure with modern solar power systems and lithium battery storage, building local capacity in operating and

maintaining these systems and laying groundwork for future net-metering integration (even though net metering is excluded from the current scope).

- **Timely Implementation:** Complete the project within the stipulated 6-month timeline so that all targeted facilities are solarized and fully functional by the end of the project period, contributing quickly to improved health service delivery.

### Scope of Work

The hired firm (Contractor) shall **design, supply, install, test, and commission** hybrid on-grid solar power systems (with lithium battery storage) at **195 healthcare facilities** as detailed above. The scope of work includes, but is not limited to, the following tasks:

- **Site Surveys:** Visit and conduct an individual assessment of each of the 195 health facilities. This includes evaluating each site's location, available roof/ground space for panels, structural integrity for mounting, shading obstacles, existing electrical system, and load requirements. A detailed site survey report and system design shall be prepared for each facility.
- **System Design:** Propose a **tailored solar PV system design for each facility** in line with the standard capacities specified by facility type. Each site will have a hybrid solar PV system of the following approximate sizes:
  - 10 kW (on-grid hybrid with lithium storage) for 71 simple BHUs (daytime-only facilities).
  - 20 kW systems for 80 BEmONC (24/7) BHUs.
  - 30 kW systems for 25 RHCs.
  - 50 kW systems for 19 Category-C and Category-D Hospitals.

The design for each site shall include the appropriate number of solar PV modules, inverters, battery capacity, and balance-of-system components to meet the facility's load profile, with at least **1.5 kWh of usable battery storage per kW of PV capacity** (e.g. ~15 kWh for 10 kW system, 30 kWh for 20 kW, etc.) to support critical loads during outages.
- **Supply of Equipment and Materials:** Provide all equipment and materials necessary to install complete solar power systems as per the technical specifications (see next section). This includes solar PV panels, hybrid inverters, lithium-ion (LiFePO<sub>4</sub>) battery banks, mounting structures, wiring, combiner boxes, protection devices, monitoring devices, and any associated civil works

materials (cement, steel, etc.). All equipment must be new, of high quality, and compliant with the standards and capacities outlined in the Bill of Quantities (BOQs).

- **Installation and Construction:** Carry out all installation works at each site. This entails mounting of solar panels (on rooftops or ground-mount frames as appropriate), installation of inverters and control panels (including any required shelters or pedestals), laying of cables/piping, installation of battery banks and enclosures, and execution of any minor civil works (e.g. concrete footings for panel structures, cable trenches with HDPE conduits, ladder/rail for routing cables, etc.). The firm is responsible for **structural works** (ensuring mounting frames are securely anchored and can withstand wind/seismic loads), as well as any **civil works** needed for safe and secure installation.
- **Integration with Existing Electrical Systems:** Integrate the solar-hybrid system with the facility's existing electrical distribution. This includes connecting the output to the main distribution board via an automatic changeover or hybrid controller such that the solar and battery power will seamlessly supplement grid supply and provide backup during grid outages. The contractor must ensure all protective devices (breakers, surge protectors, fuses) are properly installed and coordinated. **Net metering is not included** in this scope, so systems should be configured for self-consumption without exporting to the grid (no net-metering hookup or licensing is required).
- **Testing and Commissioning:** Once installation is complete at a site, perform thorough testing of each system. This includes electrical testing (open-circuit and operating voltages, insulation testing, continuity, inverter functionality), charge/discharge tests of the battery backup, load testing to confirm the system can support critical loads, and simulation of grid failure to verify seamless transition to battery power. Each system must be commissioned in the presence of the client's representative or supervisor, with proper performance recorded.
- **Training and Handover:** Provide basic **training to on-site facility staff** on operation and safety of the solar power system (including the inverter interface and any monitoring system, if applicable). Supply user manuals, warranty cards, and a simple troubleshooting guide at each facility. Finally, hand over the fully functional system at each site to the Health Department/ facility in charge, obtaining a commissioning certificate or handover document signed by relevant stakeholders.

All work must be carried out in accordance with relevant standards and codes of practice (IEC, IEEE, Pakistan Electric Code), and with minimal disruption to the functioning of the health facilities. The firm shall coordinate with facility managers to schedule installations in a way that does not hinder critical health services.

## Technical Specifications

All components and workmanship must meet the **technical specifications** and quality standards required for long-term, heavy-duty operation in a healthcare environment. Key technical requirements for the hybrid solar systems (per facility) are outlined below. The contractor must adhere to the specific component ratings and specifications given in the project's BOQs for each system size. **References to the BOQ documents** (provided as annexes) are included for clarity on component specifications.

- **Solar PV Modules:** High-efficiency **monocrystalline** solar photovoltaic panels, **A-Grade** quality, with proven performance and durability. Panels should be sourced from Tier-1 manufacturers (the panel must be from one of the **top 10 solar companies worldwide**, as stipulated) and carry a performance warranty of at least 25 years. The total PV array capacity at each site shall match the specified size (e.g. 10 kW consists of ~10,000 W DC modules). Each panel should conform to IEC 61215 / 61730 standards for safety and performance. The BOQ for a 10 kW system, for example, specifies supply and erection of **mono-crystalline A-Grade solar panels (per watt)**, with the panel being from a top ten global manufacturer. *BOQ excerpt (10 kW system) – Mono-crystalline PV modules and inverter requirements.*
- **On-Grid Hybrid Inverters:** Each system will use a suitable **hybrid solar inverter** (on-grid with battery backup functionality) of the appropriate capacity (rated for at least the PV array size and the expected load). The inverter must be capable of **synchronizing with the grid** when grid is available, while also seamlessly transitioning to off-grid mode using battery power during outages. It should include an integrated charge controller (MPPT) for the PV array and a built-in transfer switching mechanism. Inverters should output AC in compliance with local grid standards (230/400V AC, 50 Hz) and have efficiency >95%. They must also support communication with the lithium battery's BMS (for State-of-Charge management) and have remote monitoring capability. The inverter shall have sufficient surge capacity to handle motor start-up loads in the health facilities. (Refer to BOQ item for **On-Grid Hybrid Inverter, per watt basis**, matching the system size.)
- **Lithium Battery Bank:** Maintenance-free **Lithium Iron Phosphate (LiFePO<sub>4</sub>)** battery storage banks shall be provided, sized to support critical loads for several hours. Each site's battery bank capacity is approximately **1.5 kWh per kW** of PV as mentioned (e.g. ~15 kWh for 10 kW BHU, 30 kWh for 20 kW BHU, 45 kWh for 30 kW RHC, and ~75 kWh for 50 kW hospital). The batteries must be deep-cycle with **minimum 6,000 cycles** lifespan (at 80% DOD) and come with at least **5 years warranty** **【34†】** . They should include a **Battery Management System (BMS)** with

protections (over-charge, over-discharge, temperature, etc.) and with **State of Charge (SoC) monitoring**. The BMS must be able to communicate with the inverter (through a communication port) to optimize charging and usage of the battery **【34†】**. The batteries will be housed in secure, ventilated enclosures or racks, with all necessary disconnects and fuses. **Note:** The BOQ for each system includes a line for “**Supply and Erection of Lithium LiFePO<sub>4</sub> Battery (6000 cycles, 5-year warranty) as per specs**”, stating that “*the battery must have SoC-operated BMS feature compatible with the inverter through the communication port.*” **【34†】** This requirement must be strictly met for all installations.

- **Mounting Structures:** Solar PV modules shall be mounted on **purpose-built structures** using **hot-dip galvanized steel** for corrosion protection. The structures must be of robust design, capable of withstanding wind speeds and environmental conditions of the area. As per specifications, steel members should be of **minimum 12 SWG (2.64 mm) thickness** for channels/pipes or 8 SWG (4.06 mm) for angle iron, with galvanization thickness ~80 microns. Structures may be roof-mounted (anchored to roof or ballasted, with care to maintain roof integrity) or ground-mounted where roof space is insufficient. Inclination of panels should be optimized for solar gain (around latitude tilt) and consistent across each array. The scope also includes any **civil works** needed for these structures: e.g. concrete pedestals or footings, fixing brackets, waterproofing of roof penetrations, and **ladder/railing for cable conduits** (like HDPE pipe) where needed for neat and safe routing. All structural works should be executed to the satisfaction of the client’s engineer.
- **AC Distribution Board:** Provide and install an **AC distribution panel (Three-Phase Panel Board)** for integrating the solar system output with the facility’s electrical system. The panel board shall be a **16 SWG thick, powder-coated MS enclosure** containing appropriately rated breakers and metering as outlined in the BOQ. Each panel board should include: a digital multi-meter (voltmeter/ammeter with selector switches to read each phase), separate insulated bus bars for each phase, neutral, and earth, **Current Transformers (CTs)** for measurement, and the following protective devices: one (1) incoming three-phase MCCB (e.g. ~100 A, 4-pole) for isolating the inverter output, one (1) outgoing MCCB of similar rating for the facility load connection, and **one AC Surge Protection Device (SPD)** to protect against voltage spikes. The AC SPD must be properly grounded. This panel board will serve as the interface point where the solar power feeds into the facility’s mains.
- **DC Combiner / Junction Box:** Provide a **DC distribution box** for each system to combine PV strings and integrate the PV array with the inverter input. The DC box shall be a metallic (MS or

GI) enclosure with adequate IP rating, housing DC **breakers or fuses for each PV string**, a **DC Surge Protective Device** on the PV side, and bus bars for positive, negative, and ground connections **【24†】** . All terminals, lugs, and connectors must be appropriately rated for the DC currents. The box should include cable glands for incoming and outgoing cables to ensure a weather-proof seal. This DC combiner/junction box is to be installed near the panels (if multiple strings) or near the inverter, as appropriate, to allow safe isolation of the PV array during maintenance.

- **Cabling and Wiring:** Use high quality, appropriately sized cables for all interconnections. DC cabling from panels to inverter should be UV-resistant, solar grade cable (e.g. **6 mm<sup>2</sup> copper** for PV strings as indicated for smaller systems, and larger gauge if needed for higher capacity systems). AC cabling from the inverter to distribution board and onward to the main panel should be sized to handle full load current with minimal voltage drop (e.g. **10 mm<sup>2</sup> or 16 mm<sup>2</sup> copper** conductor as per system size). All cables must be multi-stranded copper, PVC or XLPE insulated and PVC sheathed. Cables running outdoors or underground should be routed through **HDPE conduit/pipes** for protection (the BOQ specifies **75 mm diameter HDPE pipe (PN-8)** for cable trenches **【25†】** ). Proper cable management is required: use conduits, cable trays, ducting, and trunking as needed to avoid any safety hazards or exposure of cables. All terminations should be with appropriate lugs/crimping, with clearly labeled phases/polarity.
- **Earthing & Grounding:** Implement a comprehensive grounding system for each installation. All equipment (panels, inverter, battery bank chassis, distribution boards) must be bonded to a **dedicated earth**. Each site shall be provided with at least one **earth electrode system** using **Copper Clad Steel rod (10' length)** or solid copper rod, driven to ~12' depth, along with Ground Enhancement Material (GEM) or salts to achieve a earth resistance of <5 ohm **【27†】** . The BOQ calls for **GEM-based earthing, 12 ft depth, 10 ft copper rod**, including an inspection pit/manhole for each earth point **【27†】** . Additionally, interconnect all module frames with a minimum **6 mm<sup>2</sup> copper earth conductor** (99% pure copper) to ensure all metallic parts are equipotential and safely grounded **【28†】** . The earthing conductors from modules to combiner, and from inverter and panels to the earth electrode, should follow NEC code guidelines. Testing of each earth point's resistance is required at commissioning.
- **Lightning Protection:** Install a lightning protection system at each site to safeguard the solar equipment and the facility. This includes an **air terminal (lightning arrester)** mounted at an appropriate height (above the level of the solar array or the highest point of the structure) and

bonded to the dedicated earthing system via down conductors. Each facility's solar installation should have at least one lightning arrester providing a cone of protection covering the PV array and equipment [28†]. All down conductors should be of adequate gauge (e.g. 16 mm<sup>2</sup> copper tape or equivalent) and use the same earth pit as the equipment grounding (or a separate pit bonded together) to ensure a low-impedance path for lightning strikes.

- **Monitoring System:** (Optional) The hybrid inverters should include **built-in monitoring capabilities**, allowing logging of energy production, battery status, and system performance. The firm should enable these features (through displays or remote monitoring portals) so that facility managers or the Health Department can monitor system output and battery health. If available, network connectivity (GSM/Wi-Fi based data logging) may be configured for remote monitoring by the project's supervision team. This will assist in tracking performance and uptime.

All materials and equipment must conform to the specifications in the provided BOQs for 10 kW, 20 kW, 30 kW, and 50 kW systems (see attached BOQ documents for detailed component lists and specs). **Any deviation from these specifications must be approved in writing** by the client/engineer. The contractor is responsible for replacing any component that does not meet the required specs or is found defective, at no additional cost. *BOQ excerpt (50 kW system) – Key components and specifications for the largest system.*

### Performance and Uptime Targets

Ensuring a high-performing solar power system is critical, given that these are life-saving health facilities. The following performance criteria must be achieved by the Contractor:

- **98% Minimum Uptime:** Each solar-hybrid system must be designed and installed to achieve at least **98% uptime** in power availability. This means the system should be operational (able to supply the intended loads) at least 98% of the time. Downtime (due to equipment failure, maintenance, etc.) must be minimized to less than 2% over the operational period. The firm shall employ quality components and build in necessary protections/redundancies to meet this target. Uptime will be calculated on a monthly and annual basis (approx. no more than ~14.4 hours of outage per month attributable to system faults).
- **Performance Ratio and Efficiency:** The systems should have a high performance ratio (PR) reflecting efficient energy conversion. All losses (cabling, inverter efficiency, etc.) should be within normal ranges. The contractor should target a PR of >80% for the PV system (taking into account local climate) and ensure the inverter operates at >95% efficiency at nominal load. Battery round-trip efficiency should ideally be >90%.

- **Capacity Utilization:** The full PV capacity and battery capacity installed must be usable. For example, a 20 kW PV system should consistently be able to generate near 20 kW under peak sun (1000 W/m<sup>2</sup> conditions), and the 30 kWh battery bank should provide close to 30 kWh of storage (at usable depth of discharge). The contractor will demonstrate through commissioning tests that the systems meet their rated capacities.
- **Quality of Supply:** The power quality from the inverters must be within acceptable limits: stable voltage and frequency, THD (Total Harmonic Distortion) within IEC standards (<5%), and seamless transfer to battery such that critical equipment in the facility are not affected by switching transients.
- **Reliability and Redundancy:** The design should avoid single points of failure that could jeopardize uptime. For example, critical protection devices (fuses, SPD) should be in place so that a surge or fault will isolate the problem without taking the whole system down. If an inverter fails under warranty, the contractor is expected to replace/repair it promptly. Spare parts (like critical fuses, an extra inverter or two for quick swap) should be accounted for in the maintenance strategy to maintain uptime.
- **Monitoring of Uptime:** The firm should provide a mechanism to monitor system uptime and performance (for instance, via the inverter's logging or an external data logger). During the defect liability/warranty period, the contractor must track performance and submit uptime reports to the client. The 98% uptime requirement will be a key metric in performance evaluation. In case any system falls below this target (for reasons attributable to equipment or installation quality), the contractor shall take corrective action immediately. Persistent failure to meet uptime target may invoke contractual penalties or extension of the warranty period for those sites.

Overall, the contractor is responsible for delivering systems that are **highly reliable**. The Health Department's expectation is that the solar+storage systems will provide nearly uninterrupted power during the facilities' operating hours, with any downtime only for scheduled maintenance or unforeseeable external issues (which must be communicated and minimized).

### Monitoring and Supervision

The implementation of this project will be subject to close monitoring and supervision by the client and its representatives to ensure quality and timely delivery. The arrangements are as follows:

- **Client's Supervision Team:** The KP-HCIP Project Management Unit (PMU) or an assigned **Supervisory Consultant/Engineer** will oversee project execution. This team will review and

approve site survey reports, system designs, and equipment specifications submitted by the contractor before installation at each site. The contractor must incorporate any feedback or required changes from the supervision team.

- **Progress Reporting:** The contractor is required to provide **regular progress updates**. At a minimum, **monthly progress reports** should be submitted, detailing work accomplished (sites surveyed, installations completed), challenges, and plans for the next period. The report should highlight any issues that might risk the timeline or performance so that they can be addressed proactively. In addition, brief **weekly updates** (even if informal via email/meetings) may be requested by the PMU during critical phases of the project.
- **Site Inspections:** The supervision team will conduct **random and scheduled inspections** of the work at sites. The contractor shall facilitate access to all sites for inspectors, and site engineers should be available to brief the inspectors on progress and quality aspects. Key stages that will be inspected include: post-survey (to validate proposed designs), during installation (to check mounting structure quality, wiring practices, etc.), and during commissioning tests. The contractor should not conceal any works and should provide at least 5 working days' notice to the client before closing any critical works (e.g. pouring concrete for foundations, covering cables in trench), so that an inspection can be arranged if needed.
- **Quality Assurance:** The contractor must implement an internal **Quality Assurance (QA) plan**. This includes using calibrated testing instruments, following standard installation checklists, and verifying each component installation. All test results (e.g. insulation resistance tests, earth resistance measurements, inverter commissioning logs) should be recorded and submitted in a **commissioning dossier** for each site. The supervision team may ask to witness or validate certain tests. If any work or component is found not conforming to the specifications or good practice, the contractor will be instructed to replace or rectify it – and such corrective work shall not count towards project completion until accepted.
- **Coordination Meetings:** Regular coordination meetings (e.g. bi-weekly or monthly) will be held between the client (and consultants) and the contractor. In these meetings, the contractor's project manager will present progress, and any issues in need of resolution (such as site access problems, community concerns, supply chain delays) can be discussed. The contractor should maintain updated schedules and be prepared to adjust resource deployment as needed in consultation with the client to stay on track.

- **Documentation and Record-Keeping:** The contractor must maintain proper records for each site. This includes the site survey report, design drawings, BOQ/cost sheet, delivery challans for equipment, installation checklist, testing/commissioning forms, and handover certificate. Copies of these records will be provided to the client for their archives. The supervision team will periodically audit these records to ensure completeness.
- **Final Acceptance:** After installation and testing, each site will undergo a **Final Acceptance** inspection by the client's team. A checklist will be used to confirm that all scope items are completed, the system is performing, the site is restored to clean condition, and staff training is done. Upon successful inspection, a Provisional Acceptance Certificate (PAC) for that site will be issued. A final Overall Project Completion certificate will be issued once all sites have been completed and any punch-list items addressed. The contractor is expected to promptly address any deficiencies noted during inspections to obtain final acceptance.

By adhering to the above supervision framework, the project ensures that quality is built into the process and that any issues are caught and resolved early. The contractor is expected to cooperate fully with the monitoring personnel and treat quality control and safety as top priorities alongside speed of execution.

### **Implementation Timeline**

**The timelines provided below are based on the assumption that the contract will be awarded by late December 2025. As the award is likely to be delayed, the timelines will be revised accordingly at the time of contract signing. The total completion period remains six (6) months from the effective date of the contract award.** Time is of the essence for this project. The entire assignment covering all 195 installations must be completed within six (6) months, commencing on 01 January 2026 and concluding by 30 June 2026. The following timeline and milestones are expected:

#### **1. Mobilization and Planning (Month 0 – 0.5)**

Immediately upon contract award (expected by late December 2025), the firm shall mobilize its teams, equipment, and resources to commence work from 01 January 2026.

During the first two weeks of January, an Inception Meeting will be held to finalize the detailed Work Plan, Gantt Chart, and Implementation Schedule.

The Contractor shall establish multiple installation teams (ideally one per district or more) to ensure parallel progress across all sites, given the project's large scope and compressed duration.

#### **2. Site Surveys & Design (Month 0.5 – 1.5)**

From **mid-January to mid-February 2026**, the Contractor shall conduct **site surveys and system designs** for all 195 sites.

This phase must be completed within approximately **4–6 weeks**.

Survey reports and preliminary system designs shall be submitted on a **rolling weekly basis** for review and approval by the Client’s engineers.

By **mid-February 2026**, all designs and Bills of Quantities (BoQs) must be finalized and approved, enabling timely procurement.

### **3. Procurement of Equipment (Month 1 – 3)**

Procurement activities shall proceed in parallel with the survey and design stage. All major components (solar panels, inverters, batteries, mounting structures, etc.) must be finalized and ordered by the end of February 2026.

Deliveries—either from local suppliers or imports—should be completed by March 2026. If storage is a constraint, deliveries may be staggered in batches aligned with the installation sequence, provided it does not affect the overall schedule.

The Contractor must ensure availability of all critical equipment before installations commence.

### **4. Installation Phase (Month 2.5 – 5.5)**

Installations shall commence **by mid-March 2026** or as soon as the first batch of equipment is available.

Multiple teams shall work **simultaneously across districts** to maintain the required pace. By **end of April 2026**, at least **50% of sites** should be fully installed and under commissioning. All installations must be **completed by end of June 2026**.

Testing and commissioning should occur **site-by-site**, immediately after each installation, avoiding any backlog of un-commissioned systems.

### **5. Commissioning and Handover (Month 5.5 – 6)**

The final month (June 2026) shall focus on completion of all remaining works, final inspections, and formal handover of all 195 sites.

By 15 June 2026, 100% of systems must be commissioned and handed over. The remaining two weeks shall be used for punch-list resolution, documentation, submission of as-built

drawings, O&M manuals, training completion, and demobilization. All project deliverables must be submitted **no later than 30 June 2026**.

### **Monitoring and Schedule Control**

The Contractor shall submit a detailed **Gantt Chart or Work Schedule** as part of the bid and maintain it throughout implementation. Progress will be closely monitored against milestones.

In the event of uncontrollable delays (e.g. severe weather, security, or access issues), the Contractor must promptly notify the Client and propose **mitigation measures** to recover lost time. Completion by 30 June 2026 is mandatory; delays beyond this date may result in contractual penalties as per the Conditions of Contract.

### **Eligibility Criteria**

Firms submitting proposals for this assignment must meet the following minimum eligibility criteria. Bidders should provide documentary evidence to demonstrate compliance with each criterion:

- **Legal Registration:** The firm (or lead firm, in case of a consortium) must be a legally registered business entity in Pakistan, with a valid incorporation certificate. It should also be registered with relevant tax authorities (having an NTN and sales tax registration). If a consortium or joint venture is proposed, all members should be legal entities, and one member should be clearly identified as the lead.
- **Relevant Experience:** A proven track record in **solar power system design and installation** is mandatory. The firm should have at least **5 years of experience** in solar PV projects, including on-grid or hybrid systems. Experience with projects of similar scope or scale (multi-site deployments, or installations in institutional/public sector settings) will be rated favorably. The bidder must have completed at least **1 project of comparable size and complexity** in the last 5 years – for example, solar installations in the tens of kW range with battery backup, or large-scale solarization programs. Provide a list of past projects with details (client, capacity in kW, battery inclusion, year of completion, and contact reference for verification).
- **Technical Capacity:** The bidder must have a qualified technical team. This should include at minimum: a Project Manager with experience in managing solar installation projects; certified electrical or renewable energy engineers (at least 3, with bachelor's degree in electrical engineering or equivalent); and trained solar technicians/electricians for site works. CVs of key personnel

should be provided. Ideally, the firm or its personnel should hold relevant certifications (e.g. from AEDB – Alternative Energy Development Board of Pakistan – for solar installer, or PEC registration in relevant EE/ME/PTC categories).

- **Financial Capacity:** The firm must demonstrate financial stability and capability to undertake a project of this magnitude. This can be shown via audited financial statements of the last 3 years indicating sufficient turnover (the annual turnover should typically be a multiple of the project cost, exact value provided in RFB’s Data Sheet) and liquidity. The firm should not be encumbered by excessive debt or pending litigation that could impair its ability to deliver. Availability of credit lines or financing to procure equipment should be indicated.
- **Equipment and Logistics:** The bidder should either have in-house capacity or committed partnerships for the **supply of major components** (solar panels, inverters, batteries). Authorized dealership or distributor status with reputable brands will be an advantage. Bidders must also confirm access to necessary tools, machinery, and logistical setup to execute works in four districts simultaneously (e.g. vehicles for transporting materials to remote BHUs, safety equipment for working at height, testing instruments for commissioning).
- **Quality and Safety Compliance:** The firm should have a documented Quality Assurance and Health, Safety & Environment (HSE) policy. Experience of working under international donor projects or government projects with strict compliance requirements is a plus. The bidder must not have a history of contract terminations or blacklisting on grounds of quality or integrity in the last 5 years. A self-declaration letter attesting that the firm has **never been blacklisted** by any government, donor, or UN agency should be included.
- **Local Presence:** Given the geographic spread, it is preferred that the firm have an operational presence or partners in Khyber Pakhtunkhwa. Firms with local offices or workshops in or near Peshawar, Nowshera, Swabi, or Haripur (or a plan to establish temporary site offices) will be better positioned for quick response. International firms may bid in a JV with local firms to meet this criterion, but the local partner’s role must be clearly defined.
- **Bid Security:** (As per standard procurement rules) The bidder must submit a bid security (earnest money) of the amount specified in the RFB, in the form of a bank guarantee or call deposit, to demonstrate seriousness of the bid. (Details are in the Data Sheet of the RFB).

The technical proposal will be evaluated against these criteria (experience, methodology, personnel, etc.). Only bidders meeting the **minimum eligibility** will be considered for detailed technical and financial

evaluation. The client reserves the right to verify any claims and to disqualify firms that misrepresent information.

*Note:* Joint Ventures are allowed provided that (a) the JV collectively meets the criteria, (b) the lead partner is identified and is accountable for contract performance, and (c) a copy of the JV agreement is submitted with the bid.

### **Deliverables**

The contractor will be responsible for delivering the following outputs over the course of the project:

1. **Inception Report:** Within 2 weeks of contract signing, an inception report shall be submitted outlining the contractor's detailed work plan, methodology for site surveys, team deployment plan, procurement plan, risk management strategy, and any suggestions to improve execution. This report will also confirm the timeline and include a Gantt chart for all activities.
2. **Site Survey Reports and Designs:** For each of the 195 facilities, a **Site Survey & System Design Report** must be prepared. This can be a standardized checklist/report containing key data from the site visit (e.g. solar insolation conditions, load profile, any site-specific challenges), the proposed system configuration (number of panels, inverter rating, battery size, placement layout), and a one-line electrical diagram. These reports should be submitted in batches as surveys are completed and will be reviewed/approved by the client's engineer. They serve as the basis for installation.
3. **Supply of Equipment:** Though not a document, the **delivery of all equipment and materials** to the respective sites (or a central warehouse if agreed) is a deliverable. The contractor must provide packing lists and goods receipt notes. Major components (panels, inverters, batteries) should be delivered with manufacturer documentation: data sheets, warranty certificates, and ideally factory test reports. The contractor will deliver these documents to the client along with the equipment.
4. **Installation Completion Certificates (per site):** As each site's installation is finished and pre-commissioning tests are done by the contractor, they will prepare an **Installation Completion Certificate (ICC)** for that site, which will be signed off by the contractor's engineer and the facility in-charge or another client representative. The ICC confirms that all equipment has been installed as per design/BOQ and is ready for commissioning. This document (or a copy) should be submitted to the client for record for each site.
5. **Testing & Commissioning Reports:** For each site, a **Commissioning Report** must be compiled. This includes the results of all tests (insulation resistance, open circuit voltage, inverter startup, battery charge/discharge test, load test, earth resistance measurement, etc.) and confirms that the

system is functioning correctly. It should be signed by the contractor's testing engineer and countersigned by the client's supervising engineer who witnessed the commissioning. Any parameters set in the inverter (e.g. battery charging parameters, grid sync settings) should be recorded. These reports ensure that each system meets the performance criteria before handover.

6. **Training and Handover Documents:** The contractor shall provide a **brief training session** at each facility for designated staff (e.g. facility technician or admin staff) on basic operation and maintenance. A simple **User Manual / O&M Guide** (in English and local language if necessary) should be given, covering how to safely operate the system, read indicators, perform basic troubleshooting, and emergency procedures. Also, a **Handover Certificate** for each site will be signed after successful commissioning and training, indicating the transfer of the system to the facility. This should list the equipment installed (with serial numbers), warranties, and date of handover.
7. **Monthly Progress Reports:** As mentioned, during implementation the contractor must submit monthly progress reports. These are deliverables that detail work completed vs. planned, highlight any issues, and update the schedule. The format can include narrative summary, tables of sites status, and photographs.
8. **Project Completion Report:** At the end of the project (upon completing all sites), a comprehensive **Project Completion Report** shall be submitted. This report will summarize the entire project, including overall achievements (e.g. total kW installed, expected annual energy generation), any deviations or lessons learned, and recommendations for maintenance. It should include annexes with key documentation (list of all sites with completion dates, copies of all handover certificates, etc.). This report serves as a final record of the project deliverables and performance.
9. **As-Built Drawings & Documentation:** Provide a set of **as-built electrical drawings** for each type of installation (or each site if significantly different). These should show the final configuration, wiring routes, and connection points. If the design was standard for all BHUs of 10 kW, one as-built drawing can cover that category with minor site-specific notes. Additionally, a compiled file of all **warranty certificates, equipment manuals, and maintenance schedules** for all installed equipment shall be handed over to the client in an organized manner (both hardcopy file and electronic format).
10. **Defect Liability Support:** Though occurring after the installation phase, note that the contractor is obliged during the **defects liability period** (warranty period, e.g. 12 months after commissioning) to respond to any performance issues. While not a deliverable per se, the contractor

must provide quarterly **performance reports** during this period (reporting on uptime, any repairs conducted, etc.) and a final **Warranty closure report** at the end, confirming all systems are in good order or noting any component replacements under warranty.

All reports and documents must be in English (with the exception that user guides can include local language for ease of understanding by facility staff). Reports should be provided in both hard copy (2 sets) and electronic format. The contractor shall use MS Office or PDF formats for documents and an industry-standard format (AutoCAD or similar) for drawings. The quality of documentation is important – it will be used for future reference by the Health Department to maintain the systems.

**Payment Terms (Following payment terms are only indicative, the payment terms mentioned in the Special Conditions of Contract shall prevail)**

Payment to the contractor will be linked to the successful completion of deliverables and key milestones, ensuring that cash flow aligns with progress. The exact payment schedule will be finalized in the contract, but it will generally follow this structure:

1. **Advance Payment:** Upon contract signing and submission of a valid **Bank Guarantee for Advance** (equal to the advance amount), the contractor may receive a **mobilization advance** (20% of the contract price against guarantee). This is to enable initial project mobilization, procurement of materials, and commencement of site surveys. The advance will typically be recovered pro-rata from subsequent payments.
2. **Interim Progress Payments:** The bulk of the contract sum will be disbursed in instalments tied to measurable progress. For example, payments may be released upon completion of a certain percentage or batch of installations. One proposed schema is:
  - **After Site Surveys & Designs:** A payment (10% of contract price) upon completion and approval of all site survey reports and system designs (for all 195 sites). This ensures the upfront assessment phase is accomplished.
  - **Delivery of Equipment:** A payment ( 20% of the contract price) will be tied to the delivery of major equipment (panels, inverters, batteries) for at least 50% of the sites (or all sites) to the project storage or site. Proof of delivery and inspection by the client may be required for this milestone.
  - **Midway Installation Milestone:** A substantial interim payment (say 30-40%) when roughly half of the sites (e.g. 100 out of 195) are fully installed, tested, and provisionally accepted. This incentivizes steady progress and provides cash flow for the remaining work.

- **Completion of All Installations:** Another payment (e.g. 20-30%) upon **completion of 100% installations and commissioning** of all systems, evidenced by site handover certificates or PACs signed for all 195 sites. This brings the cumulative payments to a significant portion (e.g. 90%) of the contract value.
3. **Final Payment:** The remaining balance (e.g. 10% of the contract value, adjusted for any advance recovered) will be paid upon **final acceptance** of the project. Final acceptance usually coincides with the end of the defects liability period (for example, 12 months after commissioning) to ensure the systems have performed satisfactorily. This portion may be retained as **retention money** until that time. Alternatively, the contractor may be paid the remainder on project completion against a bank guarantee of equal amount, which would be released after the defects liability period.
  4. **Retention and Deductions:** Typically, a retention (around 5-10% of each interim bill) may be withheld from interim payments to account for the defect liability obligations. This retention is released after successful completion of the warranty period (defects liability period), subject to all defects being rectified. The contractor may substitute the retention with a **Performance Security or Warranty Bond** as per contract conditions if they wish to get full payments earlier.
  5. **Payment Conditions:** All payments will be made in Pakistani Rupees (PKR) via crossed cheque or bank transfer, after deduction of applicable taxes. Invoices must be submitted for each payment, along with supporting documents (e.g. progress reports, site certificates, delivery challans, etc.) as evidence of achieving the milestone. The client will verify the claim via its supervision consultants/engineers, and upon approval, payment will be processed. The contract will specify the timeframe for payment processing (usually within 30 days of invoice approval).
  6. **Penalty (if applicable):** The contract may include penalty clauses for delays (liquidated damages at a certain % of contract price per week of delay beyond the 6 month period, up to a cap) which can be deducted from payments. Conversely, no bonus for early completion is typically envisaged unless stated otherwise. The contractor should plan cash flow conservatively, assuming timely completion.
  7. **Variation and Adjustments:** If there are any approved variations (e.g. additional works or minor changes in scope), their payment will be addressed as per the contract (either through adjusted BOQ rates or as per agreed new rates). However, the contractor cannot claim any extra payment for items that were included in the agreed scope/BOQ – the price per facility is fixed and lump sum, based on the submitted BOQs. Price adjustment for currency fluctuation or material cost escalation is not

allowed unless explicitly stated in the bid conditions (usually these are fixed-price contracts given the short duration).

The bidders should familiarize themselves with the payment schedule and ensure they have the financial capacity to manage the project cash flow accordingly. **All financial offers should factor in the payment terms**, especially the retention, so that there are no surprises post-award. The aim of these terms is to ensure the contractor is paid fairly for work done, while also protecting the client's interests by withholding enough until the project is fully delivered and operating as intended.

**End of Terms of Reference.** The above ToR will form an integral part of the bidding documents for the procurement of solar systems, installation and other associated services through a qualified firm. Bidders are expected to review and address all aspects of the ToR in their technical and financial proposals. Any clarifications on the ToR can be sought during the pre-bid meeting or by submitting queries to the procuring agency before the prescribed time of 07 days of proposal submission deadline.

## 1. List of Goods and Delivery Schedule

*[The Purchaser shall fill in this table, with the exception of the column “Bidder’s offered Delivery date” to be filled by the Bidder]*

Line Item N°	Description of Goods	Quantity	Physical unit	Final Destination (Project Site) as specified in BDS	Delivery (DDP Project Sites as per Incoterms)		
						Final Delivery Period in Days	Bidder’s offered Delivery Period <i>[to be provided by the Bidder]</i>
<i>[insert item N°]</i>	<i>[insert description of Goods]</i>	<i>[insert quantity of item to be supplied]</i>	<i>[insert physical unit for the quantity]</i>	<i>[insert place of Delivery]</i>		<i>[insert the number of days following the date of effectiveness of the Contract]</i>	<i>[insert the number of days following the date of effectiveness of the Contract] Bids offering delivery beyond the final delivery period will be rejected</i>
1	10 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE	71	Complete Set	As per BDS		180 Days	
2	20 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE	25	Complete Set	As per BDS		180 Days	
3	30 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE	80	Complete Set	As per BDS		180 Days	
4	50 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE	19	Complete Set	As per BDS		180 Days	

## 2. List of Related Services and Completion Schedule

*[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)]*

<b>Service</b>	<b>Description of Service</b>	<b>Quantity<sup>1</sup></b>	<b>Physical Unit</b>	<b>Place where Services shall be performed</b>	<b>Final Completion Period of Services</b>
<i>[insert Service N°]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Period]</i>
1	Supply, Installation, Commissioning and training of 10 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications.	71	Complete Set	As per BDS	180 Days
2	Supply, Installation, Commissioning and training of 20 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	25	Complete Set	As per BDS	180 Days
3	Supply, Installation, Commissioning and training of 30 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	80	Complete Set	As per BDS	180 Days

4	Supply, Installation, Commissioning and training of 50 KW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE As per specifications	19	Complete Set	As per BDS	180 Days

1. If applicable

### 3. Technical Specifications

*[The purpose of the Technical Specifications (TS) is to define the technical characteristics of the Goods and Related Services required by the Purchaser. The Purchaser shall prepare the detailed TS take into account that:*

- The TS constitute the benchmarks against which the Purchaser will verify the technical responsiveness of Bids and subsequently evaluate the Bids. Therefore, well-defined TS will facilitate preparation of responsive Bids by Bidders, as well as examination, evaluation, and comparison of the Bids by the Purchaser.*
- The TS shall require that all goods and materials to be incorporated in the Goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided for otherwise in the contract.*
- The TS shall make use of best practices. Samples of specifications from successful similar procurements in Pakistan, or in the sector elsewhere, may provide a sound basis for drafting the TS. The Purchaser must endeavor using metric units, as far as possible, in the specifications as units of measurements.*
- Standardizing technical specifications may be advantageous, depending on the complexity of the Goods and the repetitiveness of the type of procurement. Technical Specifications should be broad enough to avoid restrictions on workmanship, materials, and equipment commonly used in manufacturing similar kinds of Goods.*
- Recognized national standards should be specified as far as possible. Reference to international standard may be made only where national standard is either not available or it does not fulfill the Purchaser's requirement.*
- When particular standards or codes of practice are referred to in the TS, whether from within Pakistan or from any other eligible country, a statement should follow other authoritative standards that ensure at least a substantially equal quality, then the standards mentioned in the TS will also be acceptable.*
- Reference to brand names, catalogue numbers, or other details that limit any materials or items to a specific manufacturer should be avoided as far as possible. Where unavoidable, such item description should always be followed by the words "or substantially equivalent."*
- The TS shall specify all essential technical and performance characteristics and requirements, including acceptable maximum or minimum values of functional guarantees, as appropriate. In case of failure to meet the (contractual) functional guarantees, the Purchaser will be entitled to recover its loss from the Supplier under GCC / SCC 28.3.*
- Whenever necessary, the Purchaser shall include an additional Bidding form (to be an Attachment to the Letter of Bid), where the Bidder shall provide detailed information demonstrating technical and performance characteristics of the Goods to be supplied to meet with the Purchaser's requirements, also including functionally guarantees.*

*When the Purchaser requests that the Bidder provides in its Bid a part or all of the Technical Specifications, technical schedules, or other technical information, the Purchaser shall specify in detail the nature and extent of the required information and the manner in which it has to be presented by the Bidder in its Bid.*

*If a summary of the Technical Specifications (TS) has to be provided, the Purchaser shall insert information in the table below. The Bidder shall prepare a similar table to justify compliance with the requirements.]*

**Summary of Technical Specifications.** The Goods and Related Services shall comply with following Technical Specifications and Standards:

<b>10 kW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE</b>					
S #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1					
	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications), the Panel must be from top 10 companies of the world	Watts	10,000	0.00	0
2					
	Supply and Erection of On Grid Hybrid inverter)	Per Watt	10,000	0.00	0
3					
	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle as per approved specifications / H-Beam (Mughal) Girder Elevated Frame Structure as per the Instruction of The Engineer with civil pad works including slab sealants, complete in all aspects and to the entire satisfaction of the Employer.	Per Watt	10,000	0.00	0
4					
	Supply, Installation and Commissioning of Three Phase Panel Board made of 16 SWG, MS Powder Cored with Digital Multi meter (Voltmeter and Ammeter), Selectable Switches showing Current and Voltage of each Phase and Separate Bus Bars for each Phase, Neutral and Earth Connection including CTs and having One Incoming Circuit Breakers MCCB 100 ATP, One Outgoing Circuit Breaker MCCB 100 ATP and One No AC SPD which shall be properly grounded.	No.	1	0.00	0
5					

	Supply and Erection 1x6 sq.mm single core (XPPE/XPLO insulated/PCV sheathed) flexible copper cable	Rft	300	0.00	0
<b>6</b>					
	Supply, Installation and Commissioning of DC DISTRIBUTION BOX made up of MS/GI Sheet Box including Circuit Breakers, DC Surge Protective Devices, Neutral Busbar and Grounding Busbar with lugs, shrouds, thimbles, glands complete in all respect and to the entire satisfaction of The Engineer.	No	1	0.00	0
<b>7</b>					
	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Rft	100	0.00	0
<b>8</b>					
	Supply and Erection 1x10 sq.mm flexible copper cable	Rft	100	0.00	0
<b>9</b>					
	Installation, Testing and Commissioning of Ground Enhancement Material (GEM) Based Earth having depth of 12', Copper rod of appropriate size having length of 10' including manhole, and earth connection point having resistance less than 5 ohm as per the NEC code.	Job	1	0.00	0
<b>10</b>	<b>Array Safety Box etc.</b>				
	6 mm sq (Insulated Copper Conductor) 99% Pure Copper for earthing of PV Modules including grounding nuts complete in all respects	Meter	80	0.00	0
<b>11</b>					
	Supply, Installation, Testing and Commissioning of Air terminal or arrester	Each	1	0.00	0
<b>12</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Preparation & Submission of Complete Net-Metering Case as per the guidelines of PESCO, AEDB, NEPRA including Supply and Installation of Bi-directional Approved AMR Green Energy Meter with all requisite utility fee on behalf of the Employer and fulfillment of	Job	1	0.00	0

	all prescribed formalities, complete in all respect and to the entire satisfaction of The Employer/Engineer.				
<b>13</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Supply and Erection of Lithium LiFeP04 battery 6000 cycles & 5 Years Warranty as per approved specifications. The battery must have SOC operated BMS feature compatible with the inverter through the communication port	kWh	15	0.00	0
<b>TOTAL AMOUNT (PKR)</b>					<b>0</b>
<b>AMOUNT IN MILLION (PKR)</b>					<b>0.00</b>
<b>PER WATT COST (PKR)</b>					<b>0</b>

<b>20 kW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE</b>					
<b>S #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1</b>					
	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications), the Panel must be from top 10 companies of the world	Watts	20,000	0.00	0
<b>2</b>					
	Supply and Erection of On Grid Hybrid inverter)	Per Watt	20,000	0.00	0
<b>3</b>					
	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle as per approved specifications / H-Beam (Mughal) Girder Elevated Frame Structure as per the Instruction of The Engineer with civil pad works including slab sealants, complete in all aspects and to the entire satisfaction of the Employer.	Per Watt	20,000	0.00	0
<b>4</b>					

	Supply, Installation and Commissioning of Three Phase Panel Board made of 16 SWG, MS Powder Cored with Digital Multi meter (Voltmeter and Ammeter), Selectable Switches showing Current and Voltage of each Phase and Separate Bus Bars for each Phase, Neutral and Earth Connection including CTs and having One Incoming Circuit Breakers MCCB 100 ATP, One Outgoing Circuit Breaker MCCB 100 ATP and One No AC SPD which shall be properly grounded.	No.	1	0.00	0
<b>5</b>					
	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Rft	500	0.00	0
<b>6</b>					
	Supply, Installation and Commissioning of DC DISTRIBUTION BOX made up of MS/GI Sheet Box including Circuit Breakers, DC Surge Protective Devices, Neutral Busbar and Grounding Busbar with lugs, shrouds, thimbles, glands complete in all respect and to the entire satisfaction of The Engineer.	No	1	0.00	0
<b>7</b>					
	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Rft	100	0.00	0
<b>8</b>					
	Supply and Erection 1x10 sq.mm flexible copper cable	Rft	150	0.00	0
<b>9</b>					

	Installation, Testing and Commissioning of Ground Enhancement Material (GEM) Based Earth having depth of 12', Copper rod of appropriate size having length of 10' including manhole, and earth connection point having resistance less than 5 ohm as per the NEC code.	Job	2	0.00	0
<b>10</b>	<b>Array Safety Box etc.</b>				
	6 mm sq (Insulated Copper Conductor) 99% Pure Copper for earthing of PV Modules including grounding nuts complete in all respects	Meter	100	0.00	0
<b>11</b>					
	Supply, Installation, Testing and Commissioning of Air terminal or arrester	Each	1	0.00	0
<b>12</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Preparation & Submission of Complete Net-Metering Case as per the guidelines of PESCO, AEDB, NEPRA including Supply and Installation of Bi-directional Approved AMR Green Energy Meter with all requisite utility fee on behalf of the Employer and fulfillment of all prescribed formalities, complete in all respect and to the entire satisfaction of The Employer/Engineer.	Job	1	0.00	0
<b>13</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Supply and Erection of Lithium LiFeP04 battery 6000 cycles & 5 Years Warranty as per approved specifications. The battery must have SOC operated BMS feature compatible with the inverter through the communication port	kWh	30	0.00	0
<b>TOTAL AMOUNT (PKR)</b>					<b>0</b>

<b>AMOUNT IN MILLION (PKR)</b>	<b>0.00</b>
<b>PER WATT COST (PKR)</b>	<b>0</b>

<b>30 kW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE</b>					
S #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1					
	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications), the Panel must be from top 10 companies of the world	Watts	30,000	0.00	0
2					
	Supply and Erection of On Grid Hybrid inverter)	Per Watt	30,000	0.00	0
3					
	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle as per approved specifications / H-Beam (Mughal) Girder Elevated Frame Structure as per the Instruction of The Engineer with civil pad works including slab sealants, complete in all aspects and to the entire satisfaction of the Employer.	Per Watt	30,000	0.00	0
4					
	Supply, Installation and Commissioning of Three Phase Panel Board made of 16 SWG, MS Powder Cored with Digital Multi meter (Voltmeter and Ammeter), Selectable Switches showing Current and Voltage of each Phase and Separate Bus Bars for each Phase, Neutral and Earth Connection including CTs and having One Incoming Circuit Breakers MCCB 100 ATP, One Outgoing Circuit Breaker MCCB 100 ATP and One No AC SPD which shall be properly grounded.	No.	1	0.00	0
5					
	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Rft	700	0.00	0
6					

	Supply, Installation and Commissioning of DC DISTRIBUTION BOX made up of MS/GI Sheet Box including Circuit Breakers, DC Surge Protective Devices, Neutral Busbar and Grounding Busbar with lugs, shrouds, thimbles, glands complete in all respect and to the entire satisfaction of The Engineer.	No	1	0.00	0
<b>7</b>					
	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Rft	200	0.00	0
<b>8</b>					
	Supply and Erection 1x16 sq.mm flexible copper cable	Rft	250	0.00	0
<b>9</b>					
	Installation, Testing and Commissioning of Ground Enhancement Material (GEM) Based Earth having depth of 12', Copper rod of appropriate size having length of 10' including manhole, and earth connection point having resistance less than 5 ohm as per the NEC code.	Job	2	0.00	0
<b>10</b>	<b>Array Safety Box etc.</b>				
	6 mm sq (Insulated Copper Conductor) 99% Pure Copper for earthing of PV Modules including grounding nuts complete in all respects	Meter	150	0.00	0
<b>11</b>					
	Supply, Installation, Testing and Commissioning of Air terminal or arrester	Each	1	0.00	0
<b>12</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Preparation & Submission of Complete Net-Metering Case as per the guidelines of PESCO, AEDB, NEPRA including Supply and Installation of Bi-directional Approved AMR Green Energy Meter with all requisite utility fee on behalf of the Employer and fulfillment of all prescribed formalities, complete in all respect and to the entire satisfaction of The Employer/Engineer.	Job	1	0.00	0

<b>13</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Supply and Erection of Lithium LiFeP04 battery 6000 cycles & 5 Years Warranty as per approved specifications. The battery must have SOC operated BMS feature compatible with the inverter through the communication port	kWh	45	0.00	0
<b>TOTAL AMOUNT (PKR)</b>					<b>0</b>
<b>AMOUNT IN MILLION (PKR)</b>					<b>0.00</b>
<b>PER WATT COST (PKR)</b>					<b>0</b>

<b>50 kW ON-GRID HYBRID SOLAR POWER SYSTEM WITH LITHIUM STORAGE</b>					
<b>S #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1</b>					
	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications), the panel must be from top 10 companies of the world	Watts	50,000		0
<b>2</b>					
	Supply and Erection of On Grid Hybrid inverter)	Per Watt	50,000		0
<b>3</b>					
	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle as per approved specifications / H-Beam (Mughal) Girder Elevated Frame Structure as per the Instruction of The Engineer with civil pad works including slab sealants, complete in all aspects and to the entire satisfaction of the Employer.	Per Watt	50,000		0
<b>4</b>					
	Supply, Installation and Commissioning of Three Phase Panel Board made of 16 SWG, MS Powder Cored with Digital Multi meter (Voltmeter and Ammeter), Selectable Switches showing Current and Voltage of each Phase and Separate Bus Bars for each Phase, Neutral and Earth Connection including CTs and having One Incoming Circuit Breakers MCCB 100 ATP, One Outgoing Circuit Breaker MCCB 100 ATP and One No AC SPD which shall be properly grounded.	No.	1		0
<b>5</b>					
	Supply and Erection 1x6 sq.mm single core (XPLO/XPLO insulated/PCV sheathed) flexible copper cable	Rft	900		0
<b>6</b>					

	Supply, Installation and Commissioning of DC DISTRIBUTION BOX made up of MS/GI Sheet Box including Circuit Breakers, DC Surge Protective Devices, Neutral Busbar and Grounding Busbar with lugs, shrouds, thimbles, glands complete in all respect and to the entire satisfaction of The Engineer.	No	1		0
7					
	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Rft	300		0
8					
	Supply and Erection 1x16 sq.mm flexible copper cable	Rft	350		0
9					
	Installation, Testing and Commissioning of Ground Enhancement Material (GEM) Based Earth having depth of 12', Copper rod of appropriate size having length of 10' including manhole, and earth connection point having resistance less than 5 ohm as per the NEC code.	Job	2		0
10	<b>Array Safety Box etc.</b>				
	6 mm sq (Insulated Copper Conductor) 99% Pure Copper for earthing of PV Modules including grounding nuts complete in all respects	Meter	300		0
11					
	Supply, Installation, Testing and Commissioning of Air terminal or arrester	Each	1		0
12	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Preparation & Submission of Complete Net-Metering Case as per the guidelines of PESCO, AEDB, NEPRA including Supply and Installation of Bi-directional Approved AMR Green Energy Meter with all requisite utility fee on behalf of the Employer and fulfillment of all prescribed	Job	1		0

	formalities, complete in all respect and to the entire satisfaction of The Employer/Engineer.				
<b>13</b>	<b>Civil Works for PV Mounting Structures, Ladders for HDPE Pipe, Pedestals for Inverters/Shed for</b>				
	Supply and Erection of Lithium LiFeP04 battery 6000 cycles & 5 Years Warranty as per approved specifications. The battery must have SOC operated BMS feature compatible with the inverter through the communication port	kWh	75		0
<b>TOTAL AMOUNT (PKR)</b>					
<b>AMOUNT IN MILLION (PKR)</b>					<b>0.00</b>
<b>PER WATT COST (PKR)</b>					<b>0</b>

## 4. Drawings

This Bidding Document includes “no” Drawings.

The Employer will provide the list and locations of all 195 healthcare facilities for the installation of solar power systems.

The successful Bidder shall be responsible for conducting **site-specific assessments**, preparing **installation layout drawings**, **mounting structure designs**, and **as-built drawings** for each facility after contract award.

All such drawings and designs shall be **submitted to the Purchaser/Engineer for review and approval prior to installation**.

These drawings shall cover, at a minimum:

- PV array layout and mounting structure design,
- Cable routing and inverter connection,
- Battery bank and control panel layout,
- Earthing and lightning protection design, and
- Single-line diagrams (SLD) for electrical integration.

*[If Drawings shall be included, insert the following List of Drawings] Not Applicable*

<b>List of Drawings</b>		
<b>Drawing No.</b>	<b>Drawing Name</b>	<b>Purpose</b>

## 5. Inspections and Tests

The following inspections and tests shall be performed to ensure compliance with the technical specifications and performance requirements:

**(a) Factory Acceptance Tests (FAT):**

- Random inspection of key equipment (PV modules, inverters, batteries) at the manufacturer's premises or authorized warehouse, if required by the Purchaser.

**(b) Site Inspections and Verification:**

- Pre-installation site verification by the Contractor to confirm feasibility and readiness.
- Post-installation inspection by the Employer's representative/Engineer to verify quality, workmanship, and compliance with specifications.

**(c) Performance and Commissioning Tests:**

- Operational testing of the complete solar power system at each healthcare facility, including:
  - Output performance test at rated capacity;
  - Functionality of inverter and control system;
  - Battery backup duration verification;
  - Safety, earthing, and protection tests.

**(d) Final Acceptance Test:**

- Conducted jointly by the Purchaser and Contractor after successful commissioning of all systems.
- Acceptance shall be based on verified system performance, successful operation for at least seven (7) consecutive days, and submission of as-built documentation and warranty certificates.

**(e) Warranty Compliance:**

- During the 5-year warranty period, the Purchaser reserves the right to inspect and test any installed system to ensure compliance with operational guarantees.
- Any defects identified shall be rectified by the Supplier at no additional cost.

Note: Payment will be made once successful inspection is carried out by the PMU

## 6. Samples of Goods (Not Applicable).

*[If required under ITB and BDS 16.6, Purchaser shall provide hereunder list of items including name and quantity of sample(s) against each good, to be furnished by the Bidder along with its Bid. Quantity of sample should not exceed one (1) percent of the total quantity to be procured in each case, and that amount of Bid Security must be reduced by an amount (in percentage) that is approximately equal to the estimated cost of the sample(s) required. Receipt of the sample(s) by the Purchaser and its return to the Bidder shall be done, and the sample(s) shall be generally treated like Bid Security of the Bidder; however, in case of successful Bidder, the sample(s) shall be held by the Purchaser as a symbolic part of the Performance Security (amount of which shall remain unaffected), and the sample(s) shall be finally adjusted as last item(s) against their respective quantity; received and paid likewise.]*

<b>List of Samples to be provided by the Bidder Not Applicable</b>		
<b>Item No</b>	<b>Name of Goods</b>	<b>Quantity of Sample(s)</b>

## Section VI. General Conditions of Contract (GCC)

This Section contains the General Conditions of Contract (GCC) that govern the Contract. These GCC are subject to the Special Conditions of Contract (SCC), set out in Section VII, that modify or supplement these GCC. Whenever there is a conflict, the provisions under SCC shall prevail over these GCC.

<b>General Conditions of Contract</b>	
<b>1. Definitions</b>	<p>1.1 The following words and expressions shall have the meanings hereby assigned to them:</p> <p>(a) “Bank” means the World Bank.</p> <p>(b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.</p> <p>(c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.</p> <p>(d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.</p> <p>(e) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.</p> <p>(f) “Day” means calendar day.</p> <p>(g) “Delivery” means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract.</p> <p>(h) “GCC” means the General Conditions of Contract.</p> <p>(i) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.</p> <p>(j) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the SCC.</p> <p>(k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.</p> <p>(l) “SCC” means the Special Conditions of Contract.</p> <p>(m) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.</p> <p>(n) “Supplier” means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.</p> <p>(o) “The Project Site,” where applicable, means the place named in the SCC.</p>
<b>2.Contract Documents</b>	<p>2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.</p>

<b>3.Fraud and Corruption</b>	<p>3.1 the Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in APPENDIX 1 to the GCC.</p> <p>3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.</p>
<b>4.Interpretation</b>	<p>4.1 If the context so requires it, singular means plural and vice versa.</p> <p>4.2 Incoterms:  (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms specified in the SCC.  (b) The terms EXW, FCA, CPT, CIP, DDP, FOB and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the SCC and published by the International Chamber of Commerce in Paris, France.</p> <p>4.3 Entire Agreement:  The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.</p> <p>4.4 Amendment:  No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.</p> <p>4.5 Nonwaiver:  (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.  (b) Any waiver of a party’s rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.</p> <p>4.6 Severability:  If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.</p>
<b>5.Language</b>	<p>5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.</p>

	5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
<b>6. Joint Venture, Consortium or Association</b>	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
	6.2 If the Supplier comprises a JV, Consortium or Association, the Supplier (and each JV partner individually) acknowledges and agrees to actively participate and contribute its fair share of resources, as set forth in the JV, Consortium or Association Agreement and related bid documents. Active involvement shall include, but not be limited to, contributing financial resources, personnel, expertise, equipment, and other resources as specified in the JV, Consortium or Association Agreement.  The Supplier (and each Partner) shall adhere to the contribution commitments outlined in the JV, Consortium or Association Agreement and related bid documents and shall promptly fulfill its obligations in a timely manner. The Purchaser shall have the right to verify and monitor each partner's contributions to ensure compliance with the JV, Consortium or Association Agreement and related bid documents.
<b>7. Eligibility</b>	7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
	7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components. Eligibility of the Goods and Related Services shall be further subject to GCC 9.2 below.
<b>8. Notices</b>	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.
	8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
<b>9. Governing Law</b>	9.1 The Contract shall be governed by and interpreted in accordance with the laws of Islamic Republic of Pakistan.
	9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in Pakistan when:  (a) as a matter of law or official regulations, Pakistan prohibits commercial relations with that country; or  (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Pakistan prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

<b>10.Settlement of Disputes</b>	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
	10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
	10.3 Notwithstanding any reference to arbitration herein, (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and (b) the Purchaser shall pay the Supplier any monies due the Supplier.
<b>11.Inspections and Audit by the Bank</b>	11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.
	11.2 Pursuant to: sub-item 2.2 (e) of Fraud and Corruption under WB funding, the Supplier shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).
<b>12.Scope of Supply</b>	12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
	12.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract, besides samples that are specified in the SCC if required, but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.
<b>13.Delivery and Documents</b>	13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.
<b>14.Supplier's Responsibilities</b>	14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.

	<p>14.2 The Supplier, including its Subcontractors, shall not employ or engage forced labor or persons subject to trafficking, as described in GCC Sub-Clauses 14.3 and 14.4.</p>
	<p>14.3 Forced labor consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.</p>
	<p>14.4 Trafficking in persons is defined as the recruitment, transportation, transfer, harboring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.</p>
	<p>14.5 The Supplier, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).</p>
	<p>14.6 The Supplier, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.</p>
	<p>14.7 Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:</p> <ul style="list-style-type: none"> <li>(a) with exposure to physical, psychological or sexual abuse;</li> <li>(b) underground, underwater, working at heights or in confined spaces;</li> <li>(c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads;</li> <li>(d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or</li> <li>(e) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.</li> </ul>
	<p>14.8 The Supplier shall comply, and shall require its Subcontractors if any to comply, with all applicable health and safety regulations, laws, guidelines, and any other requirement stated in the Technical Specifications.</p>
	<p>14.9 The Supplier shall comply with additional obligations as specified in the SCC.</p>
<b>15.Contract Price</b>	<p>15.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions therefrom, as may be made pursuant to the Contract.</p>
	<p>15.2 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in the SCC.</p>
<b>16.Terms of Payment</b>	<p>16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.</p>

	<p>16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.</p>
	<p>16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it. Provided that interim / on-account payments, shall be made within thirty (30) days.</p>
	<p>16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Bid price is expressed.</p>
	<p>16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.</p>
<b>17. Taxes and Duties</b>	<p>17.1 For goods manufactured outside Pakistan, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside Pakistan.</p>
	<p>17.2 For goods Manufactured within Pakistan, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.</p>
	<p>17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Pakistan, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.</p>
<b>18. Performance Security</b>	<p>18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC. In case if the Supplier is a JV, Consortium or Association, the performance security shall be in the name of the JV, Consortium or Association. The performance security in the name of any JV partner or submitted by any JV partner on behalf of the entire JV, Consortium or Association shall not be acceptable.</p>
	<p>18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.</p>
	<p>18.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the formats stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.</p>
	<p>18.4 The performance security must remain valid until Completion of the Supplier's performance obligations under the Contract, including any warranty / functional Guarantee obligations. The Performance security with insufficient validity shall not be acceptable. The performance security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's</p>

	performance obligations under the Contract, including any warranty / functional Guarantee obligations, unless specified otherwise in the SCC.
<b>19. Copyright</b>	19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
<b>20. Confidential Information</b>	20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
	20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
	20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that: <ul style="list-style-type: none"> <li>(a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;</li> <li>(b) now or hereafter enters the public domain through no fault of that party;</li> <li>(c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or</li> <li>(d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.</li> </ul>
	20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
	20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.
<b>21. Subcontracting</b>	21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid, duly verifying eligibility of the respective subcontractors / suppliers in accordance with GCC 7.1 above. notification by the Supplier, for addition of any Subcontractor not named in the Contract, shall also include the Subcontractor's declaration in accordance with Appendix 2 to the GCC- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
	21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

<p><b>22.Specifications and Standards</b></p>	<p>22.1 Technical Specifications and Drawings</p> <p>(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin; ; Provided that no relaxation in the warranty / functional Guarantee (as and if required) shall be made available to the Supplier due to severe climatic conditions in Pakistan.</p> <p>(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.</p> <p>(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.</p>
<p><b>23. Packing and Documents</b></p>	<p>23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.</p> <p>23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.</p>
<p><b>24. Insurance</b></p>	<p>24.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the SCC.</p>
<p><b>25. Transportation and Incidental Services</b></p>	<p>25.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.</p> <p>25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <p>(a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;</p> <p>(b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;</p> <p>(c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</p> <p>(d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty / functional guarantee obligations under this Contract; and</p> <p>(e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</p>

	25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
<b>26. Inspections and Tests</b>	26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the Section V, Schedule of Requirements.
	26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in Pakistan as specified in the SCC. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
	26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
	26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
	26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the Technical Specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
	26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
	26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
	26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties / functional guarantees or other obligations under the Contract.
<b>27. Delay Damages</b>	27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as delay damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or

	unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.
<b>28.Warranty</b>	28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
	28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in Pakistan.
	28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
	28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
	28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
	28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
<b>29.Patent Indemnity</b>	29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: <ul style="list-style-type: none"> <li>(a) the installation of the Goods by the Supplier or the use of the Goods in Pakistan; and</li> <li>(b) the sale in any country of the products produced by the Goods.</li> </ul> Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.
	29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's

	<p>name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.</p> <p>29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf and at the expense of the Supplier.</p> <p>29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.</p> <p>29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.</p>
<b>30.Limitation of Liability</b>	<p>30.1 Except in cases of criminal negligence or willful misconduct,</p> <p>(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay delay damages to the Purchaser and</p> <p>(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.</p>
<b>31.Change in Laws and Regulations</b>	<p>31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of Pakistan where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.</p>
<b>32.Force Majeure</b>	<p>32.1 The Supplier shall not be liable for forfeiture of its Performance Security, delay damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <p>32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.</p>

	<p>32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p>
<p><b>33.Change Orders and Contract Amendments</b></p>	<p>33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:</p> <ul style="list-style-type: none"> <li>(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;</li> <li>(b) the method of shipment or packing;</li> <li>(c) the place of delivery; and</li> <li>(d) the Related Services to be provided by the Supplier.</li> </ul> <p>33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.</p> <p>33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>33.4 <b>Value Engineering:</b> The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following:</p> <ul style="list-style-type: none"> <li>(a) the proposed change(s), and a description of the difference to the existing contract requirements;</li> <li>(b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Purchaser may incur in implementing the value engineering proposal; and</li> <li>(c) a description of any effect(s) of the change on performance/functionality.</li> </ul> <p>The Purchaser may accept the value engineering proposal if the proposal demonstrates benefits that:</p> <ul style="list-style-type: none"> <li>(a) accelerates the delivery period; or</li> <li>(b) reduces the Contract Price or the life cycle costs to the Purchaser; or</li> <li>(c) improves the quality, efficiency or sustainability of the Goods; or</li> <li>(d) yields any other benefits to the Purchaser,</li> </ul> <p>without compromising the necessary functions of the Facilities.</p> <p>If the value engineering proposal is approved by the Purchaser and results in:</p> <ul style="list-style-type: none"> <li>(a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified in the SCC of the reduction in the Contract Price; or</li> </ul>

	<p>(b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price: Provided that the reduction in life cycle costs is at least ten (10) percent, and the Supplier will provide a Bank Guarantee equivalent to the increased amount to be paid by the Purchaser, and it shall be valid over 'Life Cycle Time Period'; whereas, the amount of Bank Guarantee shall be reduced proportionately to the Time Period elapsed, to eventually become worthless at the end of 'Life Cycle Time Period'.</p>
	<p>33.5 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.</p>
<p><b>34. Extensions of Time</b></p>	<p>34.1 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.</p>
	<p>34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of delay damages pursuant to GCC Clause 27, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.</p>
<p><b>35. Termination</b></p>	<p>35.1 Termination for Default:</p> <p>(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:</p> <p>(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;</p> <p>(ii) if the Supplier fails to perform any other obligation under the Contract; or</p> <p>(iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in the APPENDIX 1 to the GCC, OR violated the Integrity Pact, in competing for or in executing the Contract.</p> <p>(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Sub-Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p> <p>35.2 Termination for Insolvency:</p> <p>(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.</p> <p>35.3 Termination for Convenience:</p> <p>(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that</p>

	<p>termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:</p> <p>(i) to have any portion completed and delivered at the Contract terms and prices; and/or</p> <p>(ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.</p>
<b>36.Assignment</b>	36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.
<b>37.Export Restriction</b>	37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to Pakistan, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the Bank that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Purchaser's convenience pursuant to Sub-Clause 35.3.
<b>38.Purchaser's Obligations</b>	38.1 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from local public authorities, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
	38.2 Subject to GCC Clause 17, Taxes and Duties, the Purchaser shall pay all costs involved in the performance of its obligations, in accordance with GCC Sub-Clause 38.1.

## APPENDIX 1 - Corruption and Integrity Pact

*(Text in this Appendix shall not be modified; except for availing option w.r.t Funding Agency)*

### Fraud and Corruption

#### 1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

#### 2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
  - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
  - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly,

- engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
  - d. Pursuant to the Bank's Anti-Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>2</sup> (ii) to be a nominated<sup>3</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
  - e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents, personnel, permit the Bank to inspect<sup>4</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

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<sup>2</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>3</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>4</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.



## **Integrity Pact**

*[applicable in all cases of Funding]*

The Form of Integrity Pact duly signed by the Parties is attached hereunder: *[attach]*

## APPENDIX 2

### Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration for Subcontractors\*

*[The following table shall be filled in by each subcontractor proposed by the Supplier, that was not named in the Contract]*

Subcontractor's Name: *[insert full name]*

Date: *[insert day, month, year]*

Contract reference *[insert contract reference]*

Page *[insert page number]* of *[insert total number]* pages

<b>SEA and/or SH Declaration</b>
<p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.</p>
<p><b><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></b></p>
<p>Period of disqualification: From: _____ To: _____</p>

Name of the Subcontractor \_\_\_\_\_

Name of the person duly authorized to sign on behalf of the Subcontractor \_\_\_\_\_

Title of the person signing on behalf of the Subcontractor \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Countersignature of authorized representative of the Supplier:

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

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

## Section VII. Special Conditions of Contract (SCC)

This Section contains provisions which are specific to each contract and which modify or supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. To facilitate the preparation of the SCC, its Clauses are numbered with same numbers as of the corresponding GCC Clauses.

<b>Special Conditions of Contract (SCC)</b>	
<b>SCC 1.1(j)</b>	The Purchaser is: <b>Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP)</b> .
<b>SCC 1.1(o)</b>	The Project Site(s) / Final Destination(s) are: <b>BHUs, RHCs, Cat C &amp; D hospitals in four (04) selected districts (Peshawar, Nowshera, Swabi &amp; Haripur). The hospitals list is annexed in bidding document.</b>
<b>(Additional) SCC 1.1 (p)</b>	<p>The term <b>SEA/SH</b> where used in the Contract has the following meaning:</p> <ul style="list-style-type: none"> <li>• <b>“Sexual Exploitation and Abuse” “(SEA)”</b> means the following: <ul style="list-style-type: none"> <li><b>Sexual Exploitation</b> is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another.</li> <li><b>Sexual Abuse</b> is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.</li> </ul> </li> <li>• <b>“Sexual Harassment” “(SH)”</b> is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by contractor’s personnel with other contractor’s, subcontractors’ or employer’s personnel.</li> </ul>
<b>SCC 4.2 (a) and (b)</b>	The version edition of Incoterms shall be: <b>Incoterms 2020 DDP</b>
<b>SCC 5.1</b>	The language shall be: <b>English</b>

<p><b>SCC 8.1</b></p>	<p>For <b>notices</b>, the Purchaser's address shall be:</p> <p>Attention: <b><i>Project Director KP-HCIP Health, 240 Defense Colony Shami Road Peshawar</i></b></p> <p>Address: <b><i>240 Defense Colony Shami Road Peshawar, Pakistan</i></b></p> <p>City: <i>Peshawar.</i></p> <p>Country: Pakistan</p> <p>Telephone: 091-9211605</p> <p>Facsimile number: <i>N/A</i></p> <p>Electronic mail address: <a href="mailto:kphciphealth163@gmail.com">kphciphealth163@gmail.com</a></p> <p>Web page: <a href="https://www.hcip.healthkp.gov.pk">https://www.hcip.healthkp.gov.pk</a> <a href="https://www.healthkp.gov.pk/">https://www.healthkp.gov.pk/</a></p>
<p><b>SCC 10.2</b></p>	<p>Arbitration proceedings shall be conducted in accordance with the rules of procedure of the Arbitration Act of Pakistan, 1940, as amended from time to time.</p> <p>The place of arbitration shall be at Peshawar, KP.</p>
<p><b>SCC 13.1</b></p>	<p>Details of Shipping and other Documents to be furnished by the Supplier are;</p> <ul style="list-style-type: none"> <li>• Delivery Schedule</li> <li>• Delivery Challan</li> <li>• Any other documents</li> </ul> <p>The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>
<p><b>SCC 14.9</b></p>	<p>Respectful Work Environment:</p> <p>14.9.1 The Supplier shall ensure that its employees and Subcontractors observe the highest ethical standards and refrain from any form of bullying, discrimination, misconduct and harassment, including sexual harassment and shall, at all times, behave in a manner that creates an environment free of unethical behavior, bullying, misconduct and harassment, including sexual harassment. The Supplier shall take appropriate action against any employees or Subcontractors, including suspension or termination of employment or sub-contract, if any form of unethical or inappropriate behavior is identified.</p> <p>14.9.2 The Supplier shall conduct training programs for its employees and Subcontractors to raise awareness on and prevent any form of bullying, discrimination, misconduct, and harassment including sexual harassment, and to promote a respectful work environment. The Supplier shall keep an up to date record of its employees and Subcontractors who have attended and completed such training programs and provide such records to the Purchaser at its first written request.</p>
<p><b>SCC 14.9. A</b></p>	<p><i>[It is an additional Supplier's obligation, under WB funding only, and only for a Project that is assessed as high or substantial Sexual Exploitation and Abuse</i></p>

	<p><i>(SEA)/Sexual Harassment (SH) risk, include the following if the Related Services include activities that need to be performed by the Supplier's personnel such as installation, operation and/or maintenance, otherwise delete this row]</i></p> <p>14.9. A.1 The Supplier shall have a code of conduct, and provide appropriate sensitization, for the Supplier's personnel carrying out [state as applicable: installation/ operation/ maintenance/ operation and maintenance] that include, but not limited to, maintaining a safe working environment and not engaging in the following practices:</p> <p>(i) any form of sexual harassment including unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Supplier's or Purchaser's personnel;</p> <p>(ii) any form of sexual exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;</p> <p>(iii) any form of sexual abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; and</p> <p>(iv) any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage.</p> <p>14.9. A.2 The Purchaser may require the Supplier to remove (or cause to be removed), from the site or other places where the [state as applicable: installation/operation/maintenance/operation and maintenance] is being executed, a Supplier's personnel that undertakes behaviors that are not consistent with the code of conduct stated in GCC 14.9. A.1. Notwithstanding any requirement from the Purchaser to replace any such person, the Supplier shall immediately remove (or cause to be removed) any such person, from the site or other places where the [state as applicable: installation / operation / maintenance/operation and maintenance] is being executed. In either case, the Supplier shall promptly appoint, as appropriate, a suitable replacement with equivalent skills and experience.</p>
SCC 15.2	The prices charged for the Goods supplied and the Related Services performed " <i>shall not</i> ," be adjustable.
SCC 16.1	<p>GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p><b>Payment for Goods and Services supplied from within the Purchaser's Country:</b></p> <p>Payment for Goods and Related Services supplied from within the Purchaser's Country shall be made in Pakistani Rupees (PKR) in accordance with the payment schedule specified in the Contract, subject to the successful completion of</p>

	<p>inspections, tests, commissioning, and acceptance of the solar photovoltaic (PV) systems in accordance with SCC 26.</p> <p>Payments shall be released only upon submission of valid invoices and supporting documents, including inspection reports, commissioning and performance test reports, and other documentation required under the Contract. Final payment shall be made only after Final Acceptance of the solar PV systems has been granted by the Purchaser.</p>
<b>SCC 16.5</b>	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be <i>Thirty (30)</i> days.</p> <p>Interest rates are not applicable if payment is delayed due to some genuine reasons.</p>
<b>SCC 18.1</b>	<p>A Performance Security "<i>shall</i>" be required]</p> <p><b>Performance Guarantee:</b> The Supplier shall submit a Performance Security in the amount of ten percent (10%) of the Contract value at the time of contract signing, in accordance with the requirements specified in the Instructions to Bidders (ITB). The Performance Security shall be in the form specified in the Contract and shall remain valid until the Supplier has fully performed all contractual obligations, including delivery, inspection, acceptance, and any applicable warranty obligations, in accordance with the World Bank Procurement Regulations.</p>
<b>SCC 18.3</b>	<p>If required, the Performance Security shall be in the form of: Demand Guarantee</p> <ul style="list-style-type: none"> <li>d. An unconditional guarantee issued by a bank <b>is acceptable</b>. The non-bank financial institution (such as insurance, bonding or surety company) security <b>is not acceptable</b>.</li> <li>e. an irrevocable letter of credit;</li> <li>f. a cashier's or certified check; or</li> </ul> <p>Other types of acceptable securities: <b>CDR/SDR/DD/PO or any other form acceptable under the World Bank Procurement Regulations.</b></p>

<b>SCC 18.4</b>	<p>A Performance Security “shall” be required]</p> <p><b>Performance Guarantee:</b> The Supplier shall submit a Performance Security in an amount equal to ten percent (10%) of the Contract Price at the time of contract signing, in accordance with the requirements specified in the Instructions to Bidders (ITB) and the Conditions of Contract.</p> <p>The Performance Security shall be in the form specified in the Contract and shall remain valid until the Supplier has fulfilled its contractual obligations, including delivery, installation, inspection, acceptance, and warranty obligations.</p> <p>The Performance Security shall be released progressively as follows, subject to satisfactory performance by the Supplier:</p> <ul style="list-style-type: none"><li>f) Twenty percent (20%) of the Performance Security shall be released upon successful completion of the first year of the warranty period.</li><li>g) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the second year of the warranty period.</li><li>h) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the third year of the warranty period.</li><li>i) An additional twenty percent (20%) of the Performance Security shall be released upon successful completion of the fourth year of the warranty period.</li><li>j) The remaining balance of the Performance Security shall be released upon successful completion of the fifth year of the warranty period.</li></ul> <p>The Performance Security may be provided in the form of a single Bank Guarantee and shall be partially released in accordance with the above schedule.</p>
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<p><b>SCC 23.2</b></p>	<p>The packing, marking and documentation within and outside the packages shall be:</p> <p><b>Packing</b></p> <ol style="list-style-type: none"> <li>1. <i>The Supplier/Contractor shall provide <b>robust, seaworthy (if applicable), weather-proof, and tamper-proof packing</b> suitable for long-distance transportation, multiple handling, and storage at site under local climatic conditions of Khyber Pakhtunkhwa.</i></li> <li>2. <i>All equipment, instruments, spare parts, consumables, and accessories shall be packed so as to <b>prevent damage, corrosion, loss, or deterioration</b> during transit and storage.</i></li> <li>3. <i>Sensitive components (including control panels, sensors, electrical parts, PLCs, and instruments) shall be packed with <b>shock-absorbent materials, moisture barriers, desiccants, and anti-corrosion protection</b>.</i></li> <li>4. <i>Heavy equipment shall be mounted on <b>treated wooden pallets or steel frames</b>, suitable for forklift or crane handling.</i></li> <li>5. <i>Hazardous or infectious-waste-related components and chemicals (if any) shall be packed in accordance with <b>international safety and hazardous material transport standards</b>.</i></li> <li>6. <i>Packing shall be adequate for <b>site conditions</b>, including possible outdoor storage prior to installation.</i></li> </ol> <p><b>Marking</b></p> <p><i>Each package, crate, or container shall be clearly and indelibly marked in <b>English</b> with the following information:</i></p> <ul style="list-style-type: none"> <li>• <i>Name of the Project</i></li> <li>• <i>Name of Employer/Implementing Agency</i></li> <li>• <i>Package number and total number of packages (e.g., Box 2 of 10)</i></li> <li>• <i>Description of contents</i></li> <li>• <i>Gross weight, net weight, and dimensions</i></li> <li>• <i>Handling instructions: “FRAGILE”, “THIS SIDE UP”, “KEEP DRY”, “HANDLE WITH CARE” as applicable</i></li> <li>• <i>Site/Destination name (specific BHU/RHC/Hospital and District)</i></li> <li>• <i>Any special lifting or storage instructions</i></li> </ul> <p><b>Documentation</b></p> <p><i>The following documentation shall be provided by the Supplier/Contractor:</i></p> <p><b>A. Outside each package (in a waterproof envelope):</b></p> <ul style="list-style-type: none"> <li>• <i>Packing List identifying contents of the specific package</i></li> <li>• <i>Package number</i></li> </ul>
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	<p><b>B. At delivery and prior to installation:</b></p> <ul style="list-style-type: none"> <li>• <i>Operation and Maintenance (O&amp;M) Manuals for all equipment</i></li> <li>• <i>Installation manuals and drawings</i></li> <li>• <i>Electrical, mechanical, and civil interface drawings</i></li> <li>• <i>Technical specifications and data sheets</i></li> <li>• <i>Factory Test Certificates and Quality Assurance Certificates</i></li> <li>• <i>Warranty certificates for equipment and major components</i></li> <li>• <i>List of recommended spare parts and consumables</i></li> <li>• <i>Safety instructions and Material Safety Data Sheets (MSDS), where applicable</i></li> </ul> <p><b>C. Upon commissioning:</b></p> <ul style="list-style-type: none"> <li>• <i>Installation and Commissioning Reports</i></li> <li>• <i>Training manuals and attendance records</i></li> <li>• <i>Performance and acceptance test results</i></li> </ul> <p><i>All manuals and documents shall be provided in <b>English</b>, in both hard copy and electronic (PDF) format.</i></p> <p><b>Responsibility</b></p> <p><i>The Supplier/Contractor shall be <b>fully responsible for any loss or damage</b> arising from inadequate or improper packing, marking, or documentation. No additional payment shall be made for packing, marking, or documentation, as these are deemed <b>included in the Contract Price</b>.</i></p>
SCC 24.1	The insurance coverage shall be as specified in the Incoterms.
SCC 25.1	<p>Responsibility for transportation of the Goods shall be as specified in the Incoterms. DDP Project Sites</p> <p><i>“The Supplier is required under the Contract to transport the Goods to a specified place of final destination within Pakistan, defined as the Project Site; transport to such place of destination in Pakistan, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price”;</i></p>
SCC 25.2	<p>Incidental services to be provided are: Transportation, installation, commissioning and training of the relevant staff as specified in the Technical Specifications.</p> <p>In addition to the services specified under GCC Clause 25.2, the Supplier shall assume <b>single-point responsibility</b> for the complete integration, coordination, and performance of the Goods and all associated incidental services, whether performed by the Supplier or its subcontractors.</p>

	<p>The Supplier shall be fully responsible for ensuring that all supplied Goods, components, and services function together as a complete and operational system in accordance with the Contract requirements. Any failure in performance, compatibility, design coordination, or execution shall be the sole responsibility of the Supplier and shall not be attributed to individual manufacturers, subcontractors, or third parties.</p>
<p><b>SCC 26.2</b></p>	<p>The Supplier shall, after completion of supply, installation, civil works (if any), and commissioning at site, carry out all necessary tests and inspections to demonstrate that the solar photovoltaic (PV) power systems, including PV modules, inverters, battery energy storage systems (if applicable), mounting structures, protection devices, monitoring systems, and associated electrical works, are complete, safe, and fully functional in accordance with the Contract and Technical Specifications.</p> <p>The tests shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>• Functional and operational testing of the complete solar PV system and all auxiliary systems;</li> <li>• Verification of installation quality, workmanship, and compliance with approved drawings and specifications;</li> <li>• Verification of safety devices, protection systems, alarms, earthing, and lightning protection arrangements;</li> <li>• Performance and commissioning tests, including output performance verification at rated capacity, inverter and control system functionality, and battery backup duration verification (where applicable);</li> <li>• Integrated system operation test under normal working conditions, including continuous and stable operation for a minimum period as specified in the Technical Specifications.</li> </ul> <p>All tests and inspections shall be conducted at site in the presence of the Employer or its authorized representative. The Supplier shall provide all instruments, testing equipment, tools, consumables, utilities, and manpower required for testing at no additional cost to the Employer.</p> <p>Final acceptance of the solar PV system shall be subject to successful completion of the above tests and submission of test and commissioning reports acceptable to the Employer. If the system or any part thereof fails to meet the specified requirements, the Supplier shall promptly rectify the deficiencies and repeat the tests at its own cost.</p> <p>In addition to the above tests, the Supplier shall demonstrate that each installed solar PV system meets the minimum performance and uptime requirements specified in the Technical Specifications and Terms of Reference. Uptime shall be monitored and verified through system logs, inverter records, or other acceptable monitoring mechanisms. Failure to meet the specified performance or uptime requirements due to reasons attributable to the Supplier require immediate corrective action and shall not be eligible for Final Acceptance until compliance is achieved.</p>
<p><b>SCC 27.1</b></p>	<p>The delay damage shall be: 0.1 % per week</p>

<b>SCC 27.1</b>	The maximum amount of delay damages shall be: <i>10 %</i> of the contract Price
<b>SCC 28.3</b>	The period of validity of the Warranty shall be: 60 months For purposes of the Warranty, the place(s) of final destination(s) shall be: Project Sites The warranty execution shall be in accordance with the warranty execution services defined in the TOR/Scope of services of Project.
<b>SCC 28.5, SCC 28.6</b>	The period for repair or replacement shall be: 30 days.
<b>SCC 33.4</b>	If the value engineering proposal is approved by the Purchaser the amount to be paid to the Supplier shall be 30%. <i>The percentage is normally up to 50%]</i> of the reduction in the Contract Price.

### **Attachment: Price Adjustment Formula (Not Applicable)**

If in accordance with GCC / SCC 15.2, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

- 15.1 Prices payable to the Supplier, as stated in the Contract, shall be subject to adjustment during performance of the Contract to reflect changes in the cost of labor and material components in accordance with the formula:

$$P_1 = P_0 \left[ a + \frac{bL_1}{L_0} + \frac{cM_1}{M_0} \right] - P_0$$

and  $a + b + c = 1$

in which:

- $P_1$  = adjustment amount payable to the Supplier.  
 $P_0$  = Contract Price (base price).  
 $a$  = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent.  
 $b$  = estimated percentage of labor component in the Contract Price.  
 $c$  = estimated percentage of material component in the Contract Price.  
 $L_0, L_1$  = labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively.  
 $M_0, M_1$  = material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin.

The Bidder shall indicate the source of the indices, and the source of exchange rate (if applicable) and the base date indices in its Bid.

The coefficients  $a$ ,  $b$ , and  $c$  as specified by the Purchaser are as follows:

- $a = [insert\ value\ of\ coefficient]$   
 $b = [insert\ value\ of\ coefficient]$   
 $c = [insert\ value\ of\ coefficient]$

Base date = thirty (30) days prior to the deadline for submission of the Bids.

Date of adjustment =  $[insert\ number\ of\ weeks]$  weeks prior to date of shipment (representing the midpoint of the period of manufacture).

The above price adjustment formula shall be invoked by either party subject to the following further conditions:

- (a) No price adjustment shall be allowed beyond the original delivery dates. As a rule, no price adjustment shall be allowed for periods of delay for which the Supplier is entirely responsible. The Purchaser will, however, be entitled to any decrease in the prices of the Goods and Services subject to adjustment.
- (b) If the currency in which the Contract Price  $P_0$  is expressed is different from the currency of origin of the labor and material indices, a correction factor will be applied to avoid incorrect adjustments of the Contract Price. The correction factor shall be:  $Z_0 / Z_1$ , where,

$Z_0$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Base date, and

$Z_1$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Date of Adjustment.

- (c) No price adjustment shall be payable on the portion of the Contract Price paid to the Supplier as advance payment.

## Section VIII. Contract Forms (COF)

This Section contains the Notification of Intention to award, Letter of Acceptance and Contract Agreement, and forms of Security as well as forms of ‘Disclosure’ and ‘Declaration’ *[which, once completed, shall be part of the Contract]*.

[The form of Performance Security shall be got completed by the successful Bidder, from a bank, after contract award. The form(s) of ‘Disclosure’ and ‘Declaration’ shall be provided by the successful Bidder when asked by the Purchaser (through Letter of Acceptance). The form of Advance Payment Security shall be got completed by the Supplier, from a bank, after signing the Contract; as and when required.

### Table of Forms

<b>Notification of Intention to Award .....</b>	
<b>Beneficial Ownership Disclosure Form .....</b>	
<b>Declaration of Beneficial Owners' Information Form .....</b>	
<b>Letter of Acceptance .....</b>	
<b>Contract Agreement .....</b>	
<b>Performance Security .....</b>	
<b>Advance Payment Security .....</b>	

## Notification of Intention to Award

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

Address: *[insert Authorized Representative's Address]*

Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]*

Email Address: *[insert Authorized Representative's email address]*

*[IMPORTANT: insert the date on which this Notification is transmitted to all participating Bidders. The Notification must be sent to these Bidders simultaneously. This means on the same date and as close to the same time as possible.]*

**DATE OF TRANSMISSION:** This Notification is sent by: *[email/fax]* on *[date]* (local time)

**Notification of Intention to Award Contract No.:** *[insert the number]*

**Purchaser:** *[insert the name of the Purchaser]*

**Project:** *[insert name of project]*

**Contract title:** *[insert the name of the contract]*

**Country:** Islamic Republic of Pakistan

**Loan No. /Credit No. / Grant No.:** *[insert reference number for loan/credit/ grant]*

**RFB No:** *[insert RFB reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract

### 1. The successful Bidder

<b>Name:</b>	<i>[insert name of successful Bidder]</i>
<b>Address:</b>	<i>[insert address of the successful Bidder]</i>
<b>Contract price:</b>	<i>[insert contract price of the successful Bid]</i>
<b>Duration of Contract:</b>	<i>[insert time period to complete the Contract]</i>

<b>Scope of the Contract being Awarded:</b>	<i>[insert brief scope of Goods]</i>
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**2. Other Bidders** *[insert names of all other Bidders that submitted a Bid, Bid prices as read out and Evaluated Bid prices.]*

Name of Bidder	Bid price	Evaluated Bid price
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>

**3. Reason/s why your Bid was unsuccessful**

*[State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]*

**4. How to request a debriefing**

**DEADLINE:** The deadline to request a debriefing expires at midnight on *[insert date]* (**local time**).

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title/position]*

**Agency:** *[insert name of Purchaser]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are

unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

## 5. How to make a complaint

**DEADLINE:** The deadline for submitting a Procurement-related Complaint challenging the decision to award the contract expires on midnight *[insert date] (local time)*.

Provide the contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title/position]*

**Agency:** *[insert name of Purchaser]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

For Further information:

Under WB funding, see Annex III of “[Procurement Regulations for IPF Borrowers \(Procurement Regulations\)](#)”. You should read these provisions before preparing and submitting your complaint. In addition, the World Bank’s Guidance “[How to make a Procurement-related Complaint](#)” provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an ‘interested party’, in this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.

- 3. You must submit the complaint within the period stated above.
- 4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

**6. Standstill Period**

**DEADLINE:** The Standstill Period is due to end at midnight on *[insert date] (local time)*.

Under WB funding, the Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award. The Standstill Period may be extended. This may happen where we are unable to provide a debriefing within the five (5) Business Day deadline. If this happens we will notify you of the extension.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Purchaser:

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title/position:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

## Beneficial Ownership Disclosure Form

*INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM*

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Bidder. In case of joint venture, the Bidder must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares*
- directly or indirectly holding 25% or more of the voting rights*
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder*

**RFB No.:** *[insert number of RFB process]*

**Request for Bid No.:** *[insert identification]*

**To:** *[insert complete name of Purchaser]*

In response to your request in the Letter of Acceptance dated *[insert date of letter of Acceptance]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

### Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Bidder (Yes / No)
<i>[include full name (last, middle, first), nationality, country of residence]</i>			

**OR**

(ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder

**OR**

(iii) *We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder”

**Name of the Bidder:** \*[insert complete name of the Bidder] \_\_\_\_\_

**Name of the person duly authorized to sign this Form on behalf of the Bidder:** \*\*[insert complete name of person duly authorized to sign this Form] \_\_\_\_\_

**Title of the person signing this Form:** [insert complete title of the person signing this Form] \_\_\_\_\_

**Signature of the person named above:** [insert signature of person whose name and capacity are shown above] \_\_\_\_\_

**Date signed** [insert date of signing] \_\_\_\_\_ **day of** [insert month] \_\_\_\_\_, [insert year] \_\_\_\_\_

\* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to “Bidder” in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

\*\* Person signing this Form shall have the power of attorney given by the Bidder; that shall be attached with this Form.



## Letter of Acceptance

*[use letterhead paper of the Purchaser]*

*[date]*

To: *[name and address of the Supplier]*

Subject: **Notification of Award of Contract No.** . . . . .

This is to notify you that your Bid dated *[insert date]* \_\_\_\_\_ for execution of the *[insert name of the contract and identification number, as given in the Bidding / Contract Documents]* \_\_\_\_\_ for the Accepted Contract Amount of PKR *[insert amount in numbers and words]* \_\_\_\_\_, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by *[insert name of Agency]* \_\_\_\_\_.

You are requested to furnish (i) the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Form and (ii) the additional information on beneficial ownership in accordance with ITB 45.1 within eight (8) Business days using the Beneficial Ownership Disclosure Form and Declaration of Beneficial Owners' Information Form, included in Section VIII, Contract Forms, of the Bidding Document.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Agency: \_\_\_\_\_

### **Attachment: Contract Agreement**

## Contract Agreement

THIS AGREEMENT made on the *[insert: number]* day of *[insert: month]*, *[insert: year]*.

BETWEEN

- (1) \_\_\_\_\_ *[insert complete name of Purchaser]*, \_\_\_\_\_ *[insert description of type of legal entity e.g. a Ministry, or its attached department / autonomous body / sub-ordinate office etc., of the Government of Pakistan]* and having its principal place of business at \_\_\_\_\_ *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) \_\_\_\_\_ *[insert name of Supplier e.g. a shop / store / factory / company / corporation]* incorporated under the laws of \_\_\_\_\_ *[insert: country of Supplier]* and having its principal place of business at \_\_\_\_\_ *[insert: address of Supplier]* (hereinafter called “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., *[insert brief description of Goods and Related Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Related Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) the Letter of Acceptance
  - (b) the Letter of Bid
  - (c) the Addenda Nos. \_\_\_\_\_ (if any)
  - (d) Special Conditions of Contract
  - (e) General Conditions of Contract
  - (f) Schedule of Requirements (including Specifications and Drawings as required)
  - (g) Completed Price Schedules
  - (h) Performance Security and Integrity Pact (where required)
  - (i) any other document listed in GCC/SCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, 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.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Islamic Republic Pakistan on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature and name]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of

Signature of Witness *[insert signature, name and CNIC number]*

For and on behalf of the Supplier

Signed: *[insert signature and name of authorized representative(s) of the Supplier]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of

Signature of Witness *[insert signature, name and CNIC number]*

*[Note: In case of a Joint Venture, the Contract Agreement must be signed by of all members of the Joint Venture that submitted the Bid.]*

## Performance Security

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** \_\_\_\_\_ *[insert name and address of the Purchaser]*

**Date:** \_\_\_\_\_ *[insert date (as day, month, and year)]*

**Performance Guarantee No.:** \_\_\_\_\_

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_\_\_\_\_ *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. \_\_\_\_\_ *[insert reference number of the contract]* dated \_\_\_\_\_ *[insert date]* with the Beneficiary, for the execution of \_\_\_\_\_ *[insert name of contract and brief description of Goods and Related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ *[insert amount in figures]* ( \_\_\_\_\_ ) *[amount in words]*<sup>1</sup>, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for the demand or the sum specified therein.

This guarantee shall expire, no later than the .... Day of ....., 2...<sup>2</sup>, and any demand for payment under it must be received by us at this office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

\_\_\_\_\_  
*[signature(s) and seal of bank]*

*[Note: If the Performance Security is issued by a bank located outside Pakistan, it shall be counter-guaranteed by a correspondent bank located in Pakistan, for being encashable in Pakistan; and in case of a Joint Venture, the Security must be in the name of all members of the Joint Venture that signs the Contract]*

<sup>1</sup> insert amount of Performance Security as required in the Bidding / Contract Documents and denominated either in the currency(cies) of the Contract or in a freely convertible currency acceptable to the Beneficiary (Purchaser).

<sup>2</sup> Insert the date 28 days after the expected completion date. The Purchaser should note that in the event of an extension of the time for completion of the contract, the Purchaser would need to request an extension of this guarantee from the guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee (at the cost of the Supplier) for a period not to exceed [six months] [one year], in response to the Purchaser's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee".

## Advance Payment Security

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** \_\_\_\_\_ *[insert name and address of the Purchaser]*

**Date:** \_\_\_\_\_ *[insert date (as day, month, and year)]*

**Advance Payment Guarantee No.:** \_\_\_\_\_

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_\_\_\_\_ *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. \_\_\_\_\_ *[insert reference number of the contract]* dated \_\_\_\_\_ *[insert date]* with the Beneficiary, for the execution of \_\_\_\_\_ *[insert name of contract and brief description of Goods and Related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum \_\_\_\_\_ *[insert amount in figures]* ( \_\_\_\_\_ ) *[amount in words]* is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ *[insert amount in figures]* ( \_\_\_\_\_ ) *[amount in words]*<sup>1</sup>, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for the demand or the sum specified therein.

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until ..... *[insert date (as day, month, year)]*.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

\_\_\_\_\_  
*[signature(s) and seal of bank]*

*[Note: If the Advance Payment Security is issued by a bank located outside Pakistan, it shall be counter-guaranteed by a correspondent bank located in Pakistan, for being encashable in Pakistan; and in case of a Joint Venture, the Security must be in the name of all members of the Joint Venture that signs the Contract]*

<sup>1</sup> \_\_\_\_\_  
insert an amount that is the same as that of the advance payment to be made to the Supplier by the Purchaser and denominated either in the currency(cies) of the Contract or in a freely convertible currency acceptable to the Beneficiary (Purchaser).