

# PROCUREMENT DOCUMENT

## **Request for Bids Goods and Services** (One-Envelope Bidding Process)



### **Procurement of Goods & Services For**

**Procurement of critical IT infrastructure for IAA  
(PK-MOE-353155-GO-RFB)**

**Supply, Installation, Testing & Commissioning  
of Data Centre Facility/Equipment at  
Private Power & Infrastructure Board (PPIB)  
Migration of Existing IT Systems, Backup  
Solution**

#### **Private Power & Infrastructure Board (PPIB)**

Government Of Pakistan, Ministry Of Energy (Power Division)  
Ground & 2nd Floor Emigration Tower Sector G/8-1, Islamabad, Pakistan  
Phone: (92-51)9264034-45, Email: [ppib@ppib.gov.pk](mailto:ppib@ppib.gov.pk)



**Specific Procurement Notice  
Request for Bids  
Goods and Services  
(One-Envelope Bidding Process)**

<b>Country:</b>	<b>Islamic Republic of Pakistan</b>
<b>Name of Project:</b>	<b>Electricity Distribution Efficiency Improvement Project (EDEIP)</b>
<b>Contract Title:</b>	<b>Procurement of critical IT infrastructure for IAA (Procurement of Goods and Services for Supply, Installation, Testing &amp; Commissioning of Data Centre Facility / Equipment at PPIB Migration of Existing IT Systems, Backup Solution)</b>
<b>Loan No:</b>	<b>9318-PK</b>
<b>Project ID No:</b>	<b>P170230</b>
<b>RFB Reference No.:</b>	<b>PK-MOE-353155-GO-RFB</b>
<b>Issued on:</b>	<b>March ____, 2025</b>

1. The **Islamic Republic of Pakistan** (hereinafter called “**Borrower**”) has received financing from the World Bank toward the cost of the **Electricity Distribution Efficiency Improvement Project (EDEIP)** and intends to apply part of the proceeds toward payments under the contract for **Procurement of critical IT infrastructure for IAA (Procurement of Goods and Services for Supply, Installation, Testing & Commissioning of Data Centre Facility / Equipment at PPIB Migration of Existing IT Systems, Backup Solution)**. For this contract, the Borrower shall process the payments using the Direct Payment disbursement method, as defined in the World Bank’s Disbursement Guidelines for Investment Project Financing, except for those payments, which the contract provides to be made through letter of credit.
2. The **PIU-EDEIP under Ministry of Energy (Power Division) through Private Power & Infrastructure Board (PPIB)** now invites sealed Bids from eligible Bidders for **Procurement of critical IT infrastructure for IAA (Procurement of Goods and Services for Supply, Installation, Testing & Commissioning of Data Centre Facility / Equipment at PPIB Migration of Existing IT Systems, Backup Solution}**.
3. Bidding will be conducted through national competitive procurement using a Request for Bids (RFB) as specified in the World Bank’s “Procurement Regulations for IPF Borrowers” **Procurement Regulations November 2020 (“Procurement Regulations”)** and is open to all eligible Bidders as defined in the Procurement Regulations.

4. Interested eligible Bidders may obtain further information from **Director (IT), Private Power & Infrastructure Board (PPIB), Ground & Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad - Pakistan. Cell: 0335-5044900, Telephone: (92 51) 926 4034-45, Email: aziz@ppib.gov.pk** and inspect the bidding document during office hours [09:00 AM to 17:00 PM] at the address given below.
5. The bidding document in **English** may be downloaded (free of cost) from the websites (www.ppib.gov.pk) or ([www.power.gov.pk](http://www.power.gov.pk)) by interested Bidders.
6. A **pre-bid meeting** is schedule on **27<sup>th</sup> March 2025** at PPIB Office, Islamabad (at the address below) at 11:00 AM.
7. Bids must be delivered to the address below on or before **[11:00 AM dated 11<sup>th</sup> April 2025]**. Electronic Bidding **will not** be permitted. Late Bids will be rejected. Bids will be publicly opened in the presence of the Bidders' designated representatives and anyone who chooses to attend at the address below on **[11:30 AM dated 11<sup>th</sup> April 2025]**.
8. All Bids must be accompanied by a **Bid Security of PKR 3 Million in the shape of [(i) an unconditional bank guarantee; (ii) an irrevocable letter of credit; (iii) a cashier's or certified check; (iv) pay order/demand draft; or (v) call deposit receipt (CDR)]**.
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:

**Managing Director**  
**Private Power & Infrastructure Board (PPIB)**  
Ministry of Energy (Power Division), Government of Pakistan  
Ground & 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan  
Phone: (92-51)9264034-45, Email: ppib@ppib.gov.pk





# Request for Bids Goods

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Data Center Facility/Equipment at  
Private Power & Infrastructure Board (PPIB)  
Migration of Existing IT Systems, Backup Solution

<b>RFB No.:</b>	<b>PK-MOE-353155-GO-RFB</b>
<b>Project:</b>	<b>Electricity Distribution Efficiency Improvement Project (EDEIP)</b>
<b>Purchaser:</b>	<b>Private Power &amp; Infrastructure Board (PPIB) through Project Implementation Unit, Electricity Distribution Efficiency Improvement Project, Ministry of Energy (Power Division)</b>
<b>Country:</b>	<b>Islamic Republic of Pakistan</b>
<b>Issued on:</b>	<b>March ____, 2025</b>



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# Procurement Document

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## **PART 1 – Bidding Procedures**



# Section I - Instructions to Bidders

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## Section I. Instructions to Bidders

<b>A. General</b>	
<b>1. Scope of Bid</b>	<p>1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified <b>in the Bid Data Sheet (BDS)</b>, the Purchaser, as specified <b>in the BDS</b>, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are <b>specified in the BDS</b>.</p> <p>1.2 Throughout this bidding document:</p> <ul style="list-style-type: none"> <li>(a) the term “in writing” means communicated in written form (e.g., by mail, e-mail, fax, including if <b>specified in the BDS</b>, distributed or received through the electronic-procurement system used by the Purchaser) with proof of receipt;</li> <li>(b) if the context so requires, “singular” means “plural” and vice versa; and</li> <li>(c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.</li> </ul>
<b>2. Source of Funds</b>	<p>2.1 The Borrower or Recipient (hereinafter called “Borrower”) <b>specified in the BDS</b> has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount <b>specified in the BDS</b>, toward the project named <b>in the BDS</b>. 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</p>

	<p>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>
<p><b>3. Fraud and Corruption</b></p>	<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 the WBG’s Sanctions Framework, as set forth in Section VI, Fraud and Corruption.</p> <p>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.</p>
<p><b>4. Eligible Bidders</b></p>	<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 <b>in the BDS</b>, 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> <p>(a) directly or indirectly controls, is controlled by</p>

	<p>or is under common control with another Bidder; or</p> <ul style="list-style-type: none"><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) or 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) or 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 ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or</li><li>(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.</li></ul> <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</p>
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	<p>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. 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 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 the WBG’s Sanctions Framework as described in Section VI paragraph 2.2 d., 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 specified in the BDS.</p> <p>4.6 Bidders that are state-owned enterprises or institutions in the Purchaser’s Country 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 in Section V, Eligible Countries, and (a) as a matter of law or official regulations, the Borrower’s country 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</p>
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	<p>Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country 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</p> <p>(b) followed a judicial or administrative proceeding that afforded the firm adequate due process.</p>
<p><b>5. Eligible Goods and Related Services</b></p>	<p>5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.</p> <p>5.2 For purposes of this ITB, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as 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>
<p><b>B. Contents of Request for Bids Document</b></p>	
<p><b>6. Sections of Bidding Document</b></p>	<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><b>PART 1 Bidding Procedures</b></p> <ul style="list-style-type: none"> <li>• Section I - Instructions to Bidders (ITB)</li> <li>• Section II - Bidding Data Sheet (BDS)</li> <li>• Section III - Evaluation and Qualification</li> </ul>

	<p>Criteria</p> <ul style="list-style-type: none"> <li>• Section IV - Bidding Forms</li> <li>• Section V - Eligible Countries</li> <li>• Section VI - Fraud and Corruption</li> </ul>
	<p><b>PART 2 Supply Requirements</b></p> <ul style="list-style-type: none"> <li>• Section VII - Schedule of Requirements</li> </ul> <p><b>PART 3 Contract</b></p> <ul style="list-style-type: none"> <li>• Section VIII - General Conditions of Contract (GCC)</li> <li>• Section IX - Special Conditions of Contract (SCC)</li> <li>• Section X - Contract Forms</li> </ul>
	<p>6.2 The Specific Procurement Notice, 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><b>7. Clarification of Bidding Document</b></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 <b>in the BDS</b>. 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 <b>in the BDS</b>. 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 <b>in the BDS</b>, the Purchaser shall also promptly publish its response at the web page identified <b>in the BDS</b>. Should the clarification result in changes to the</p>

	essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.
<b>8. Amendment of Bidding Document</b>	<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 discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.</p>
<b>C. Preparation of Bids</b>	
<b>9. Cost of Bidding</b>	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.
<b>10. Language of Bid</b>	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 the language specified <b>in the BDS</b> . 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 the language specified <b>in the BDS</b> , in which case, for purposes of interpretation of the Bid, such translation shall govern.
<b>11. Documents Comprising the Bid</b>	<p>11.1 The Bid shall comprise the following:</p> <p>(a) <b>Letter of Bid</b> prepared in accordance with ITB 12;</p> <p>(b) <b>Price Schedules:</b> completed in accordance with ITB 12 and ITB 14;</p> <p>(c) <b>Bid Security</b> or <b>Bid-Securing Declaration</b>, in accordance with ITB 19.1;</p> <p>(d) <b>Alternative Bid:</b> if permissible, in accordance</p>

	<p>with ITB 13;</p> <ul style="list-style-type: none"> <li>(e) <b>Authorization:</b> written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;</li> <li>(f) <b>Qualifications:</b> documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;</li> <li>(g) <b>Bidder's Eligibility:</b> documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;</li> <li>(h) <b>Eligibility of Goods and Related Services:</b> 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) <b>Conformity:</b> documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the bidding document; and</li> <li>(j) any other document required <b>in the BDS.</b></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> <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.</p>
<p><b>12. Letter of Bid and Price Schedules</b></p>	<p>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.</p>
<p><b>13. Alternative Bids</b></p>	<p>13.1 Unless otherwise specified <b>in the BDS</b>, alternative Bids shall not be considered.</p>
<p><b>14. Bid Prices and</b></p>	<p>14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall</p>

<p><b>Discounts</b></p>	<p>conform to the requirements specified below.</p> <p>14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.</p> <p>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.</p> <p>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.</p> <p>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 <b>in the BDS</b>. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with <b>the BDS</b>, 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.</p> <p>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 <b>in the BDS</b>, 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.</p> <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 <b>in the BDS</b>.</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</p>
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registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:

- (a) For Goods manufactured in the Purchaser's Country:
  - (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;
  - (ii) any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
  - (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.**
- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
  - (i) the price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, as specified **in the BDS;**
  - (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;**
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
  - (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;

	<ul style="list-style-type: none"> <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 Purchaser’s Country sales and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and</li> <li>(v) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified <b>in the BDS.</b></li> </ul> <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>
<p><b>15. Currencies of Bid and Payment</b></p>	<p>15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in the currency of the Purchaser’s Country the portion of the Bid price that corresponds to expenditures incurred in the currency of the Purchaser’s Country, unless otherwise specified <b>in the BDS.</b></p> <p>15.2 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 the currency of the Purchaser’s Country.</p>
<p><b>16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services</b></p>	<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</p>

	<p>in Section VII, 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 VII, 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 <b>specified in the BDS</b> 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 Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.</p>
<p><b>17. Documents Establishing the Eligibility and Qualifications of the Bidder</b></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> <p>(a) that, if required <b>in the BDS</b>, 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 the Purchaser's Country;</p> <p>(b) that, if required <b>in the BDS</b>, in case of a Bidder not doing business within the Purchaser's</p>

	<p>Country, the Bidder is or will be (if awarded the Contract) represented by an Agent in the country 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</p> <p>(c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.</p>
<p><b>18. Period of Validity of Bids</b></p>	<p>18.1 Bids shall remain valid until the date <b>specified in the BDS</b> or any extended date if amended by the Purchaser in accordance with ITB 8. A Bid that is not valid until the date <b>specified in the BDS</b>, 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 a corresponding period. 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 initial Bid validity period, 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 <b>in the BDS</b>;</p> <p>(b) in the case of adjustable price contracts, no adjustment shall be made;</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>
<p><b>19. Bid Security</b></p>	<p>19.1 The Bidder shall furnish as part of its Bid, either a Bid-Securing Declaration or a Bid Security, as specified <b>in the BDS</b>, in original form and, in the case of a Bid Security, in the amount and currency</p>

	<p>specified <b>in the BDS</b>.</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 or non-bank financial institution (such as an insurance, bonding or surety company);</li><li>(b) an irrevocable letter of credit;</li><li>(c) a cashier's or certified check; or</li><li>(d) another security specified <b>in the BDS</b>,</li></ul> <p>from a reputable source, and an eligible country. If an unconditional guarantee is issued by a non-bank financial institution located outside the Purchaser's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable unless the Purchaser has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. 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:</p>
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	<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 <b>in the BDS</b>, 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 <b>in the BDS</b>, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time as stated <b>in the BDS</b>.</p>
<p><b>20. Format and Signing of Bid</b></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 <b>specified in the BDS</b> 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</p>

	<p>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 confirmation as specified <b>in the BDS</b> 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.</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><b>D. Submission and Opening of Bids</b></p>	
<p><b>21. Sealing and Marking of Bids</b></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”, all documents comprising the Bid, as described in ITB 11; and</li> <li>(b) in an envelope marked “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 “ORIGINAL - ALTERNATIVE”, the alternative Bid; and</li> <li>ii. in the envelope marked “COPIES – ALTERNATIVE BID” 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> </ul>

	<p>(d) bear a warning not to open before the time and date for Bid opening.</p> <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><b>22. Deadline for Submission of Bids</b></p>	<p>22.1 Bids must be received by the Purchaser at the address and no later than the date and time specified <b>in the BDS</b>. When so specified <b>in the BDS</b>, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures specified <b>in the BDS</b>.</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>
<p><b>23. Late Bids</b></p>	<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>
<p><b>24. Withdrawal, Substitution, and Modification of Bids</b></p>	<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> <p>(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,” or “MODIFICATION;” and</p> <p>(b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.</p>

	<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>
<p><b>25. Bid Opening</b></p>	<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 <b>in the BDS</b> 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 <b>in the BDS</b>.</p> <p>25.2 First, 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. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding Bid will be opened. 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</p>

	<p>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 initialled by representatives of the Purchaser attending Bid opening in the manner specified <b>in the BDS</b>.</p> <p>25.7 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 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) any alternative Bids;</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>
<b>E. Evaluation and Comparison of Bids</b>	
<b>26. Confidentiality</b>	<p>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.</p> <p>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.</p> <p>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</p>

	<p>matter related to the Bidding process, it should do so in writing.</p>
<p><b>27. Clarification of Bids</b></p>	<p>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. 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.</p> <p>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.</p>
<p><b>28. Deviations, Reservations, and Omissions</b></p>	<p>28.1 During the evaluation of Bids, the following definitions apply:</p> <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>
<p><b>29. Determination of Responsiveness</b></p>	<p>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.</p> <p>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:</p> <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> </ul> </li> </ul>

	<p>(ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the Contract; or</p> <p>(b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.</p> <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 VII, 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><b>30. Nonconformities, Errors and Omissions</b></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><b>31. Correction of Arithmetical Errors</b></p>	<p>31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <p>(a) if there is a discrepancy between the unit price</p>

	<p>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;</p> <p>(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</p> <p>(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.</p> <p>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.</p>
<p><b>32. Conversion to Single Currency</b></p>	<p>32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as specified <b>in the BDS</b>.</p>
<p><b>33. Margin of Preference</b></p>	<p>33.1 Unless otherwise specified <b>in the BDS</b>, a margin of preference shall not apply.</p>
<p><b>34. Evaluation of Bids</b></p>	<p>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:</p> <p>(a) substantially responsive to the bidding document; and</p> <p>(b) the lowest evaluated cost.</p> <p>34.2 To evaluate a Bid, the Purchaser shall consider the following:</p> <p>(a) evaluation will be done for Items or Lots (contracts), as specified <b>in the BDS</b>; and the</p>

	<p>Bid Price as quoted in accordance with ITB 14;</p> <ul style="list-style-type: none"> <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;</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> <p>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.</p> <p>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.</p> <p>34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:</p> <ul style="list-style-type: none"> <li>(a) in the case of Goods manufactured in the Purchaser's Country, 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 the Purchaser's Country, 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,</p>
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	<p>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 <b>in the BDS</b> 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>
<p><b>35. Comparison of Bids</b></p>	<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 the Borrower's country, 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>
<p><b>36. Abnormally Low Bids</b></p>	<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><b>37. Qualification of the Bidder</b></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>

	<p>substantially responsive Bid, meets the qualifying criteria specified 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.</p> <p>37.3 Prior to Contract award, 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>
<p><b>38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids</b></p>	<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><b>39. Standstill Period</b></p>	<p>39.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 44. 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</p>

	to an emergency situation recognized by the Bank, the Standstill Period shall not apply.
<b>40. Notification of Intention to Award</b>	<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>
<b>F. Award of Contract</b>	
<b>41. Award Criteria</b>	<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) the lowest evaluated cost.</li> </ul>
<b>42. Purchaser's Right to Vary Quantities at Time of Award</b>	<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 VII, Schedule of Requirements, provided this does not exceed the percentages specified <b>in the BDS</b>, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.</p>

<p><b>43. Notification of Award</b></p>	<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, 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 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.</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 the Purchaser’s Country, 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><b>44. Debriefing by the</b></p>	<p>44.1 On receipt of the Purchaser’s Notification of</p>

<p><b>Purchaser</b></p>	<p>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 contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.</p> <p>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.</p>
<p><b>45. Signing of Contract</b></p>	<p>45.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form 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 the country of the Purchaser, or to the use of the</p>

	<p>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 and of the Bank that signing of the Contact 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>
<p><b>46. Performance Security</b></p>	<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 18, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country, unless the Purchaser has agreed in writing that a correspondent financial institution is not required.</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>
<p><b>47. Procurement Related Complaint</b></p>	<p>47.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.</p>



## Section II - Bid Data Sheet (BDS)

ITB Reference	A. General		
<b>ITB 1.1</b>	<p>The reference number of the Request for Bids (RFB) is: <b>PK-MOE-353155-GO-RFB</b></p> <p>The Purchaser is: <b>Private Power &amp; Infrastructure Board (PPIB) through Project Implementation Unit (PIU), Electricity Distribution Efficiency Improvement Project (EDEIP), Ministry of Energy (Power Division)</b></p> <p>The name of the RFB is: <b>Procurement of critical IT infrastructure for IAA (Procurement of Goods and Services for Supply, Installation, Testing &amp; Commissioning of Data Center Facility/Equipment at PPIB Migration of Existing IT Systems, Backup Solution)</b></p> <p>The number and identification of lots (contracts) comprising this RFB is: <b>Not Applicable.</b></p>		
<b>ITB 2.1</b>	<p>The Borrower is: <b>The Islamic Republic of Pakistan</b></p> <p>Loan or Financing Agreement amount: <b>US\$ 195.0 million</b></p> <p>The name of the Project is: <b>Electricity Distribution Efficiency Improvement Project (EDEIP)</b></p>		
<b>ITB 4.1</b>	<p>Maximum number of members in the Joint Venture (JV) shall be: <b>Two (02)</b></p>		
<b>ITB 4.5</b>	<p>A list of debarred firms and individuals is available on the Bank's external website: <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 Purchaser's address is:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: middle; text-align: center;">Attention:</td> <td style="padding: 5px;"> <p><b>Director (IT), Private Power &amp; Infrastructure Board (PPIB), Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad – Pakistan. Cell: 0335-5044900, Telephone: (92 51) 926 4034-45, Email: aziz@ppib.gov.pk</b></p> </td> </tr> </table>	Attention:	<p><b>Director (IT), Private Power &amp; Infrastructure Board (PPIB), Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad – Pakistan. Cell: 0335-5044900, Telephone: (92 51) 926 4034-45, Email: aziz@ppib.gov.pk</b></p>
Attention:	<p><b>Director (IT), Private Power &amp; Infrastructure Board (PPIB), Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad – Pakistan. Cell: 0335-5044900, Telephone: (92 51) 926 4034-45, Email: aziz@ppib.gov.pk</b></p>		

ITB Reference	A. General
	<p>Requests for clarification should be received by the Purchaser no later than: <b>7 days before the submission deadline.</b></p> <p>Web page: <a href="http://www.ppib.gov.pk">www.ppib.gov.pk</a> , <a href="http://www.power.gov.pk">www.power.gov.pk</a></p>
<b>C. Preparation of Bids</b>	
<b>ITB 10.1</b>	<p>The language of the Bid is: <b>English.</b></p> <p>In addition, the Bidding document is translated into the <b>English</b> language and in the <b>English.</b></p> <p>All correspondence exchange shall be in <b>English</b> language.</p> <p>Language for translation of supporting documents and printed literature is <b>English.</b></p> <p>The translation of the documents furnished by the bidder shall be duly notarized in accordance with the prevailing legal requirements in the bidder's country of origin.</p>
<b>ITB 11.1 (j)</b>	<p>The Bidder shall submit the following additional documents in its Bid:</p> <ol style="list-style-type: none"> <li>i. Certificate that Goods are in Production for at least <b>Five (05) years.</b></li> <li>ii. Completed Technical Compliance Sheet as per specifications provided in Section VII - Schedule of Requirements of the Bidding Document for all items as issued by the Purchaser.</li> <li>iii. Letter of Acceptance / Award, completion certificates.</li> <li>iv. Documents indicating availability of financial resources shown by the bidder to meet the requirement of Serial No. 3.1 (a), Section-III (i.e. audited standalone (not consolidated) financial statements, the line of credit must be: (i) addressed to the Client; (ii) shall be issued within last 02 month; (iii) it should be unconditional; and (iv) credit line must be valid and available (specifying remaining balance of credit) to the bidder for the complete Time for Completion of the Project), etc.).</li> </ol> <p>Bidders are required to submit all documents to support their bid in English language.</p> <p>If a Bidder omits to submit any of the above documents or the documents submitted are deficient, the Bid shall not be rejected in the first instance and a clarification will be sought from the Bidder under ITB 27.</p>
<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.

ITB Reference	A. General
ITB 14.6	Prices quoted shall correspond at least <b>One Hundred Percent (100%)</b> of the items specified for the contract).
ITB 14.7	The Incoterms edition is: <b>Incoterms 2020</b> .
ITB 14.8 (b)(i)	Place of destination: <b>Private Power &amp; Infrastructure Board, Ministry of Energy (Power Division), Government of Pakistan</b> <b>Address: Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad - Pakistan.</b> <b>Telephone: +92-51-926-4034-45</b> <b>Fax: +92-51-926-4030-31</b>
ITB 14.8 (a)(iii), (b)(ii) and (c)(v)	Final Destination (Project Site): <b>Private Power &amp; Infrastructure Board, Ministry of Energy (Power Division), Government of Pakistan</b> <b>Address: Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad - Pakistan.</b> <b>Telephone: +92-51-926-4034-45</b> <b>Fax: +92-51-926-4030-31</b>
ITB 15.1	The Bidder is required to quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in that currency. <b>Pak Rupees (PKR)</b>
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): Warranty Period as specified in technical specifications / Section VII - Schedule of Requirements.
ITB 17.2 (a)	Manufacturer's authorization is: <b>required</b> .
ITB 17.2 (b)	After sales service is: <b>required</b> .
ITB 18.1	The Bid shall be valid until: <b>One Hundred and Twenty (120) days</b> .
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor(s): <b>Not Applicable</b>
ITB 19.1	The Bidder shall furnish a bid security in the form of CDR/Pay Order/Unconditional Bank Guarantee for an amount of <b>PKR 3 Million</b> .
ITB 19.3 (d)	Other types of acceptable securities: <b>Not Applicable</b>

ITB Reference	A. General						
ITB 20.1	In addition to the original of the Bid, the number of copies is: <b>one (01)</b>						
ITB 20.3	<p>The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <i>the Bidder shall consist of a board resolution or its equivalent, or power of attorney, which should either be:</i></p> <p><i>a) notarized, or</i></p> <p><i>b) attested to by an appropriate forum (authority) in the Bidder's home country, specifying the representative's authority to sign the bid on behalf of the bidder.</i></p> <p><i>If the bidder is an intended or existing joint venture, such authorization should be signed by all parties and specify the representative's authority to sign the bid on behalf of the intended or existing joint venture.</i></p> <p><i>If the joint venture has not yet been formed, also include written evidence from all proposed partners of joint venture of their intent to enter into a joint venture in the event of a contract award.</i></p>						
<b>D. Submission and Opening of Bids</b>							
ITB 22.1	<p>For <b>Bid submission purposes</b> only, the Purchaser's address is:</p> <table border="1" data-bbox="418 1146 1377 1423"> <tr> <td data-bbox="418 1146 678 1423">Attention:</td> <td data-bbox="678 1146 1377 1423"> <b>Managing Director Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b> </td> </tr> </table> <p><b>The deadline for Bid submission is:</b></p> <table border="1" data-bbox="418 1537 1154 1612"> <tr> <td data-bbox="418 1537 646 1577">Date:</td> <td data-bbox="646 1537 1154 1577"><b>11<sup>th</sup> April 2025</b></td> </tr> <tr> <td data-bbox="418 1577 646 1612">Time:</td> <td data-bbox="646 1577 1154 1612"><b>11:00 AM</b></td> </tr> </table> <p>Bidders <b>shall not</b> have the option of submitting their Bids electronically.</p> <p>The electronic Bidding submission procedures shall be: <b>Not Applicable</b></p>	Attention:	<b>Managing Director Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b>	Date:	<b>11<sup>th</sup> April 2025</b>	Time:	<b>11:00 AM</b>
Attention:	<b>Managing Director Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b>						
Date:	<b>11<sup>th</sup> April 2025</b>						
Time:	<b>11:00 AM</b>						

ITB Reference	A. General								
ITB 25.1	<p>The Bid opening shall take place at:</p> <table border="1" data-bbox="467 369 1425 646"> <tr> <td data-bbox="467 369 724 405">Attention:</td> <td data-bbox="724 369 1425 405"><b>Managing Director</b></td> </tr> <tr> <td data-bbox="467 405 724 646">Street address:</td> <td data-bbox="724 405 1425 646"><b>Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b></td> </tr> </table> <p>The electronic Bid opening procedures shall be: <b>Not Applicable</b></p> <p><b>The time for Bid opening is:</b></p> <table border="1" data-bbox="467 762 1203 835"> <tr> <td data-bbox="467 762 688 798">Date:</td> <td data-bbox="688 762 1203 798"><b>11<sup>th</sup> April 2025</b></td> </tr> <tr> <td data-bbox="467 798 688 835">Time:</td> <td data-bbox="688 798 1203 835"><b>11:30 AM</b></td> </tr> </table>	Attention:	<b>Managing Director</b>	Street address:	<b>Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b>	Date:	<b>11<sup>th</sup> April 2025</b>	Time:	<b>11:30 AM</b>
Attention:	<b>Managing Director</b>								
Street address:	<b>Private Power &amp; Infrastructure Board (PPIB) Ministry of Energy (Power Division), Government of Pakistan Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan Phone: (92-51)9264034-45 Email: ppib@ppib.gov.pk</b>								
Date:	<b>11<sup>th</sup> April 2025</b>								
Time:	<b>11:30 AM</b>								
ITB 25.6	The Letter of Bid and Price Schedules shall be initialled by <b>at least three (03)</b> representatives of the Purchaser conducting Bid opening.								
<b>E. Evaluation and Comparison of Bids</b>									
ITB 32.1	<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>Pak Rupees (PKR)</b></p> <p>The source of exchange rate shall be: <b>State Bank of Pakistan</b></p> <p>The date for the exchange rate shall be: <b>28 days prior to the deadline for submission of the Bids</b></p>								
ITB 33.1	A margin of domestic preference <b>shall not</b> apply.								
ITB 34.2(a)	<b>Not Applicable</b>								
ITB 34.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: <b>Not Applicable</b></p> <p>(a) Deviation in Delivery schedule: <b>No</b></p> <p>(b) Deviation in payment schedule: <b>No</b></p> <p>(c) the cost of major replacement component, mandatory spare parts, and service: <b>No</b></p>								

ITB Reference	A. General										
	<p>(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></p> <p>(e) Life cycle costs: the costs during the life of the goods or equipment <b>No</b></p> <p>(f) the performance and productivity of the equipment offered; <b>No</b></p>										
<b>F. Award of Contract</b>											
<b>ITB 42</b>	<p>The maximum percentage by which quantities may be increased is: <b>15%</b>.</p> <p>The maximum percentage by which quantities may be decreased is: <b>15%</b>.</p>										
<b>ITB 47.1</b>	<p>The procedures for making a Procurement-related Complaint are detailed in the “<a href="#">Procurement Regulations for IPF Borrowers Nov 2020</a> (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <table border="1" data-bbox="415 1079 1377 1499"> <tr> <td data-bbox="415 1079 721 1184"><b>For the attention:</b></td> <td data-bbox="725 1079 1377 1184">Joint Secretary (CAD) / Program Director (PIU), Chairman Grievance Redressal Committee</td> </tr> <tr> <td data-bbox="415 1190 721 1220"><b>Title / Position:</b></td> <td data-bbox="725 1190 1377 1220">xxxxxxxxxxxxxx</td> </tr> <tr> <td data-bbox="415 1226 721 1394"><b>Purchaser:</b></td> <td data-bbox="725 1226 1377 1394">Private Power &amp; Infrastructure Board (PPIB) through Project Implementation Unit (PIU), Electricity Distribution Efficiency Improvement Project (EDEIP), Ministry of Energy (Power Division)</td> </tr> <tr> <td data-bbox="415 1400 721 1472"><b>Email address:</b></td> <td data-bbox="725 1400 1377 1472">XXXXXXXXXXXXXX <a href="mailto:jscad@moe.gov.pk">jscad@moe.gov.pk</a>, <a href="mailto:khalidkan@gmail.com">khalidkan@gmail.com</a></td> </tr> <tr> <td data-bbox="415 1478 721 1499"><b>Fax number:</b></td> <td data-bbox="725 1478 1377 1499">xxxxxxxxxxxxxx</td> </tr> </table> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> <li>1. the terms of the Bidding Documents; and</li> <li>2. the Purchaser’s decision to award the contract.</li> </ol>	<b>For the attention:</b>	Joint Secretary (CAD) / Program Director (PIU), Chairman Grievance Redressal Committee	<b>Title / Position:</b>	xxxxxxxxxxxxxx	<b>Purchaser:</b>	Private Power & Infrastructure Board (PPIB) through Project Implementation Unit (PIU), Electricity Distribution Efficiency Improvement Project (EDEIP), Ministry of Energy (Power Division)	<b>Email address:</b>	XXXXXXXXXXXXXX <a href="mailto:jscad@moe.gov.pk">jscad@moe.gov.pk</a> , <a href="mailto:khalidkan@gmail.com">khalidkan@gmail.com</a>	<b>Fax number:</b>	xxxxxxxxxxxxxx
<b>For the attention:</b>	Joint Secretary (CAD) / Program Director (PIU), Chairman Grievance Redressal Committee										
<b>Title / Position:</b>	xxxxxxxxxxxxxx										
<b>Purchaser:</b>	Private Power & Infrastructure Board (PPIB) through Project Implementation Unit (PIU), Electricity Distribution Efficiency Improvement Project (EDEIP), Ministry of Energy (Power Division)										
<b>Email address:</b>	XXXXXXXXXXXXXX <a href="mailto:jscad@moe.gov.pk">jscad@moe.gov.pk</a> , <a href="mailto:khalidkan@gmail.com">khalidkan@gmail.com</a>										
<b>Fax number:</b>	xxxxxxxxxxxxxx										

# **Section III - Evaluation and Qualification Criteria**

## **Contents**

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### Most Advantageous Bid

The Purchaser shall use the criteria and methodologies listed in Section 2 and 3 below 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) the lowest evaluated cost.

## 1. Evaluation (ITB 34)

### 1.1 Evaluation Criteria (ITB 34.6)

The Purchaser's technical specifications evaluation of a Bid may take into account, in addition to the substantially responsive to the bidding document and technical specifications, one or more of the following factors:.

- Bidders must ensure that the proposed solution is not EoSale / EoSUPPORT for the next **5 years**, share details.
- Bidder must have at least 5 years of experience in Operation and maintenance. Countrywide SLAs of Services with Bidder must have a verifiable customer support desk 24/7 Call centre.
- Bidder must have a dedicated (PMP Certified) Project Manager for this project. The complete Project Plan along with key deliverables and dependencies on NDRMF (If any) should be mentioned clearly.
- Bidder must provide project management methodology to execute and manage this project in how many working days after delivery of equipment.
- Bidder must have good technical knowledge and skillset on quoted technology with references of deployment of similar nature projects.
- Bidder should be certified ISO 20000-1:2018, ISO 9000:2015, ISO 14001:2015, ISO 45001:2015, and ISO 27001-2013.
- Bidder must provide MAF/MAL from OEM
- Bidder must provide Team List with relevant training /certification.

- (a) **Delivery schedule.** (As per Incoterms specified in the BDS) *20 weeks. No credit will be given to deliveries before the earliest date, and Bids offering delivery after the final date shall be treated as nonresponsive.* The implementation and rollout in **20 weeks** from the date of the Award of the Contract. However, training can be scheduled later but should be completed within 3 months after the issuance of the PAC (Provisional Acceptance Certificate). Also, the SLA will start after the issuance of the Provisional Acceptance Certificate (PAC).

- (b) **Documentary Evidence:** The Bidder shall furnish documentary evidence to demonstrate that the goods it offers meet usage requirement, and conforms to the “Schedule of Requirements & Specifications”.
- (c) **Manufacturer’s authorization:** A Bidder who does not manufacture an item/s where a manufacturer authorization is required in accordance with BDS ITB 17.2 (a), the Bidder shall provide evidence of being duly authorized by a manufacturer (Manufacturer’s Authorization Form, Section IV, Bidding Forms), meeting the criteria in (d) (i) and (ii) above, to supply the Goods.
- i. Principal Presence in Pakistan.
  - ii. Bidder must be a channel partner with OEM.

## 2. Qualification (ITB 37)

### 2.1. Qualification Criteria (ITB 37.1)

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.

- (a) **Financial Capability:** The Bidder shall submit audited financial statements or, if not required by the law of the Bidder’s country, other financial statements acceptable to the Purchaser, for the last **two (2)** years prior to bid submission deadline, demonstrating the current soundness of the Bidder’s financial position. For a joint venture, this requirement shall be met by each member.
- The bidders shall have liquid assets or access to credit facility/line to meet the cash flow **PKR 50 Million**.
  - The bidder shall have average annual turnover for last **two (02) years** equivalent to **PKR 230 Million**.
  - All members combined shall meet the requirement, each member should meet **50%** (out of 2) and all partner/member should meet **100%** of the requirement”.

- (b) **Specific Experience:** The Bidder shall demonstrate that it has successfully completed at least **one (01)** contract within the last **five (05) years** prior to bid submission deadline, each with a value of at least **PKR 100 million** that have been successfully and substantially completed and that are similar in nature and complexity to the Goods and Related Services under the Contract. For a joint venture, this requirement may be met by all members combined.
- i. NTN/GST Registration
  - ii. Undertaking of not been blacklisted by any public procuring agency.

At the time of Contract Award, the Bidder (including each subcontractor proposed by the Bidder) shall be subject to disqualification by the Bank for non-compliance with SEA/SH obligations.



# Section IV - Bidding Forms

## Table of Forms

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## 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]***

- (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 the Purchaser's Country in accordance with ITB 4.7;
- (d) **Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others. In case of JV members and/or subcontractors, indicate the status of disqualification by the Bank of each JV member and/or subcontractor].*

We, including 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 item (f) below 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 World Bank Group or a debarment imposed by the

World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's Country 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.

**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]*

**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 the Bid Schedules.

## 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]*

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

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.

- In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing:
  - Legal and financial autonomy
  - Operation under commercial law
  - Establishing that the Bidder is not under the supervision of the Purchaser.
- 8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. The successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.

## **Bidder's JV Members Information Form**

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture].*

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 legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Purchaser, in accordance with ITB 4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. The successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.

## **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

<p><b>SEA and/or SH Declaration</b></p> <p><b>in accordance with Section III, Qualification Criteria, and Requirements</b></p> <p>We:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</li> <li><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</li> <li><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 favour.</li> </ul> <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>
--

## **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.]*

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## **Price Schedule: Goods & Services**

Line Item No.	Description of Goods/Services	Qty	Unit Price DELIVERED DUTY PAID (DDP) [PPIB Office, Islamabad]	Total Price in PKR
1	HARDWARE SERVERS FOR HCI ( <b>PR Site</b> )	03		
2	HARDWARE SERVERS FOR HCI ( <b>DR Site</b> )	02		
3	VIRTUALIZATION MANAGEMENT LICENSE FOR HCI – (6x PR and 4x DR)	10		
4	Backup Appliance	01		
5	NGFW (Firewalls)	02		
6	Endpoint Security Solution [Total 175 (160x Clients and 15xServer)]	175		
7	Internet Security	01		
8	48x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support – <b>PR Site</b> - ToR Switches	02		
9	24x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support – <b>DR Site</b> - ToR Switch (Qty 01)	01		
10	48 Ports POE Switch with 10GbE Uplink Ports Support – Access Switch Qty – 06	06		
11	Access Point Qty with Inbuilt Controller Qty: 06	06		
12	SMART Rack – Qty 01	01		
13	Standalone UPS 6KVA – Qty (01) for DR-Site	01		
14	Diesel Generator 25-30KVA for Data Center			
15	<b>Software:</b>			
	a. Microsoft Windows Server OLP Standard Edition 2022 or latest Qty 03 (56 cores Per Server)	03		
	b. Microsoft Windows Server 2022 or latest	150 CAL		
	c. SUSE Linux Enterprise Server or compatible and equivalent OS (Latest) for ERP	02		
	d. Network Monitoring System	01		
16	Cables / Passive (as per requirement)	1Job		
17	Local Partner SLA (3 years)	1Job		
	TOTAL AMOUNT (PKR) DDP basis (inclusive of all applicable taxes)			

## 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 Date(s) of Services</b>
<i>[insert Service No]</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 Date(s)]</i>

1. If applicable

## 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 agreement, or (ii) furnish the 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.

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*[Signature(s)]*

***Note: All italicized text is for use in preparing this form and shall be deleted from the final product.***

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## Manufacturer's Authorization

*[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]*

## Section V - Eligible Countries

### Eligibility for the Provision of Goods, Works and Non-Consulting Services in Bank-Financed Procurement

In reference to ITB 4.7 and 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this bidding process:

Under ITB 4.7(a) and 5.1: **Israel and India.**

Under ITB 4.7(b) and 5.1: **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, the Borrower's country 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.**

# Section VI - Fraud and Corruption

**(Section VI shall not be modified)**

## 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>1</sup> (ii) to be a nominated<sup>2</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

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<sup>1</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>2</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.

providers, suppliers, agents, personnel, permit the Bank to inspect<sup>3</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>3</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.*



## **PART 2 – Supply Requirements**



# Section VII - Schedule of Requirements

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## 1. List of Goods & Delivery Services:

Line Item No.	Description of Goods/Services	Qty	Unit Price DELIVERED DUTY PAID (DDP) [PPIB Office, Islamabad]	Total Price in PKR
1	HARDWARE SERVERS FOR HCI (PR Site)	03		
2	HARDWARE SERVERS FOR HCI (DR Site)	02		
3	VIRTUALIZATION MANAGEMENT LICENSE FOR HCI – (6x PR and 4x DR)	10		
4	Backup Appliance	01		
5	NGFW (Firewalls)	02		
6	Endpoint Security Solution [Total 175 (160x Clients and 15xServer)]	175		
7	Internet Security	01		
8	48x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support – <b>PR Site</b> - ToR Switches	02		
9	24x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support – <b>DR Site</b> - ToR Switch (Qty 01)	01		
10	48 Ports POE Switch with 10GbE Uplink Ports Support – Access Switch Qty – 06	06		
11	Access Point Qty with Inbuilt Controller Qty: 06	06		
12	SMART Rack – Qty 01	01		
13	Standalone UPS 6KVA – Qty (01) for DR-Site	01		
14	Diesel Generator 25-30KVA for Data Center			
15	<b>Software:</b> a. Microsoft Windows Server OLP Standard Edition 2022 or latest Qty 03 (56 cores Per Server) b. Microsoft Windows Server 2022 or latest c. SUSE Linux Enterprise Server or compatible and equivalent OS (Latest) for ERP d. Network Monitoring System	03 150 CAL 02 01		
16	Cables / Passive (as per requirement)	1Job		
17	Local Partner SLA (3 years)	1Job		

## 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)]*

Service	Description of Service	Quantity <sup>1</sup>	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</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 Date(s)]</i>

1. If applicable

## 2. Schedule of Requirement / Technical Specifications

Delivery Schedule: Supply within 20 weeks from the date of contract signing

Sr #	Specification	Qty	Item	Description	Nos.
01	<b>HARDWARE SERVERS FOR HCI</b>	03	Chassis	2U Chassis with <b>24 x 2.5"</b> Disk Slots with <b>16 SAS/SATA and 8 NVMe Drives</b> or better	01
			Processor	Intel® <b>Xeon® Gold 5420+ 2G, 28C/56T, 16GT/s</b> , 52.5M Cache, Turbo, HT (205W) or better	02
			Memory	64GB RDIMMs, 5600MT/s, or with better specs	08
			SSDs (OS Installation)	<b>960GB SSD M.2 card</b> or better with RAID 1 Hot Plug	02
			Cache Disks	<b>1.6GB SSD Mixed Use</b> 24Gbps 512e 2.5in Hot-plug Hard drive	01
			NVMe SSD (Data)	<b>U.2 NVMe SSD 7.68TB</b> read-intensive or better	04
			Networking	1x Dual port and 1x Quad port 1GbE Base-T Adapter	01
				<b>Dual port 10/25GbE SFP+</b> Adapter with transceivers	02
			RAID Controller	Raid controller card should Support drive speeds of 8 GT/s and 16 GT/s at maximum x2 lane width for NVMe drives, support for RAID levels 0, 1, 5, 6, 10, 50, 60, and provide up to 12 Gb/sec throughput	01
			Power Supply	Dual redundant Power Supply or better with power cables	01
			Management	Embedded Server Management Software for Remote Management enterprise-level	01
			Rail Kit	Complete Rail Kit for Rack Mounting	01
			Front Bezel	Front Bezel (front cover or faceplate)	01
Warranty	OEM Backed Warranty ( <b>5 Years</b> )	01			
Make	<b>American/European or Equivalent</b>				

Sr #	Specification	Qty	Item	Description	Nos.
02	<b>HARDWARE SERVER FOR HCI</b>	2xDR Site	Chassis	2U Chassis with <b>24 x 2.5”</b> Disk Slots with <b>16 SAS/SATA and 8 NVMe Drives</b> or better	01
			Processor	Intel <b>Xeon 4416</b> 20C/40T, 37.5M Cache, Turbo, <b>or better</b>	02
			Memory	64GB RDIMMs, 5600MT/s, or with better specs	04
			SSDs (OS Installation)	<b>960GB SSD M.2</b> or better with RAID 1 Hot Plug	02
			Cache Disks	<b>1.6GB SSD Mixed Use</b> 24Gbps 512e 2.5in Hot-plug Hard drive	01
			NVMe SSD (Data)	<b>U.2 NVMe SSD 7.68TB</b> read-intensive or better	04
			Networking	1x Dual port and 1x Quad port 1GbE Base-T Adapter	01
				Dual port 10/25GbE SFP+ Adapter with transceivers	02
			RAID Controller	Raid controller card should Support drive speeds of 8 GT/s and 16 GT/s at maximum x2 lane width for NVMe drives, support for RAID levels 0, 1, 5, 6, 10, 50, 60, and provide up to 12 Gb/sec throughput	01
			Power Supply	Dual redundant Power Supply or better with power cables	01
			Management	Embedded Server Management Software for Remote Management enterprise-level	01
			Rail Kit	Complete Rail Kit for Rack Mounting	01
			Front Bezel	Front Bezel (front cover or faceplate)	01
			Warranty	OEM Backed Warranty ( <b>5 Years</b> )	01
Make	<b>American/European or Equivalent</b>				

Sr #	Specification	Qty	Description
03	<b>VIRTUALIZATION MANAGEMENT LICENSE FOR</b>	10	<p>(All subsequent solutions must be from the same Vendor)</p> <p><b>The solution must meet the following:</b></p> <ul style="list-style-type: none"> <li>▪ High Availability/Redundancy for Virtualization Management Platform on DR Site in case of any disaster.</li> <li>▪ Management for Existing Virtual Machines on VMware Platform for single window management.</li> <li>▪ Support to create and manage local Users with Role Based Access and Permission Control.</li> <li>▪ Web Browser-based Management Console.</li> <li>▪ The complete visibility and centralized management/control of the Virtualization Platform.</li> <li>▪ The capability to scale up to 64 nodes or better.</li> </ul>
	<b>HYPERVISOR (Compute Virtualization)</b>	10 (6x PR and 4x DR)	<p><b>The solution must meet the following:</b></p> <ul style="list-style-type: none"> <li>▪ Should be highly redundant providing capability for the VMs to restart on another node in case of any Node failure in the Cluster.</li> <li>▪ VM Snapshot capability to revert to the previous point in time in case a failure or system error occurs.</li> <li>▪ VM Clone capability for creating cloned instances from source VM for testing or any other purposes.</li> <li>▪ VM vMotion capability to Live migrate VMs to any nodes in the Cluster without any downtime.</li> <li>▪ The capability to automatically hot-add resources including vCPUs and Memory real-time based on VM contention.</li> <li>▪ The automated Resource Scheduling and Load Balancing capability for balanced performance on all nodes across the cluster.</li> <li>▪ The Distributed Switch capability to configure and administer switching for the entire Cluster.</li> <li>▪ The Hardware Health Check capability to Monitor CPU, Memory, Network Interface Card, Hard Drive RAID Controller etc.</li> </ul>

<p><b>STORAGE VIRTUALIZATION</b></p>	<p>10  (6x PR and 4x DR)</p>	<p>(The proposed Solution must be from the same Vendor as the Hypervisor)</p> <p><b>The solution must meet the following:</b></p> <ul style="list-style-type: none"> <li>▪ Both “2 Copies” and “3 copies” options for data redundancy are to be selected from while initial configuration of Virtual Storage.</li> <li>▪ Data Striping capability with flexible stripe width.</li> <li>▪ Data-At-Rest Encryption (In-Built) for VM Data Security without using any specialized Hardware such as Self-Encrypting Drives (SEDs).</li> <li>▪ SSD-based Read Caching and Write Buffer capability to improve the performance of the I/O.</li> <li>▪ Data Balancing capability to more evenly distribute the data across the devices to achieve a balanced distribution of resources.</li> <li>▪ Automated Data Rebuilding capability to restore redundancy in case of any Disk or Node Failure.</li> <li>▪ Deduplication and Compression capability on All Flash Cluster.</li> </ul>
<p><b>NETWORK VIRTUALIZATION</b></p>	<p>10  (6x PR and 4x DR)</p>	<p>(The proposed Solution must be from the same Vendor as the Hypervisor)</p> <p><b>The solution must meet the following:</b></p> <ul style="list-style-type: none"> <li>▪ The capability to display Virtual Datacentre Network Topology for easy Management and Troubleshooting.</li> <li>▪ The capability for L2 bridging with the Physical Environment for Network connectivity of Internal workloads with the Physical Network.</li> <li>▪ The capability to manage Switching and Routing of Internal workloads by providing Virtual Switches and Virtual Routers. Routing of External Physical / Virtual Workloads should also be managed by the Virtual Router.</li> <li>▪ Micro-segmentation / Distributed Firewalling feature for isolation of East-West Traffic between VMs.</li> <li>▪ The capability to display Network Traffic Flow in Real-Time.</li> <li>▪ The complete Network Visualization of the Virtual Network.</li> <li>▪ The capability for Network Quality of Service (QOS).</li> </ul>

<p><b>VM DISASTER RECOVERY SOLUTION</b></p>	<p>5 VMs</p>	<ul style="list-style-type: none"> <li>▪ Proposed Solution must be fully Compatible with Compute Hypervisor</li> <li>▪ Proposed Solution must support Replication without any agent installation in the VM (Agentless) i.e. through the Hypervisor layer.</li> <li>▪ Proposed Solution must support to achieve RPO in seconds.</li> <li>▪ Proposed Solution must support to replicate 100+ Virtual Machines for future perspective.</li> <li>▪ Proposed Solution must support Compression Technology to minimize actual Data Transfer across the Network between Sites.</li> <li>▪ Proposed Solution must support 1 Click DR Site Failover and 1 Click Production Site Failback for Planned and Unplanned DR testing Scenarios.</li> <li>▪ Proposed Solution must support to migrate only incremental Data in case of Failback from DR Site to Production Site rather than migrating back complete VM Data.</li> </ul> <p>(The proposed Solution must be from the same Vendor as the Hypervisor)</p>
<p><b>VM BACKUP SOLUTION – All VMs on Nodes</b></p>		<p><b>The solution must meet the following:</b></p> <ul style="list-style-type: none"> <li>▪ Must be fully Compatible with Compute Hypervisor</li> <li>▪ The capability to take Full / Incremental level VM Backups.</li> <li>▪ Must be licensed in a manner to take backups of every VM in the Cluster regardless of which physical Node it resides on.</li> <li>▪ Automated Scheduling for Backups based on Hourly, Daily, weekly etc. scheduling.</li> <li>▪ To configure Internal Virtual Storage, External SAN or NAS to be the Backup repository for Storing Virtual Machine Backups.</li> <li>▪ Must support Industry’s common storage protocols such as iSCSI, FC or Network File Sharing (NFS).</li> <li>▪ 2x Complimentary Training</li> <li>▪ Must be listed in the 2021 Gartner Magic Quadrant for Hyper-Converged Infrastructure Software</li> </ul>

	<b>General Requirements (Non-Compliance shall lead to the rejection of Bids)</b>		<ul style="list-style-type: none"><li>▪ Must be listed in 2024 Q4 Forrester Wave for Hyper-Converged Infrastructure software.</li><li>▪ Must be compatible with Any Brand of Intel x86 Architecture Hardware Servers</li><li>▪ Must have OEM Presence in Pakistan for a Minimum of 5 Years or more.</li><li>▪ Must have a Minimum of 10 HCI Deployments with the required components i.e. Compute Virtualization, Storage Virtualization and Network Virtualization</li><li>▪ Must quote perpetual licenses. In future, any change in the licensing model from OEM should not impact the solution.</li><li>▪ OEM will be responsible for the reliability of the quoted virtualization solution for known ERP solutions.</li><li>▪ OEM reference is mandatory for ERP solutions running on their virtualization.</li><li>▪ Must Quote 5 Years 24/7 Technical Support S&amp;S</li><li>▪ Must Quote Onsite Installation, Configuration and moving existing VMs to the newly installed software by OEM.</li><li>▪ Must quote Training and Certification for 5 Participants by OEM</li></ul>
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Sr #	Specification	Qty	Item	Description	Nos.
04	PR Site Backup Appliance	01	Chassis	2U Chassis with <b>12x 3.5"</b> with <b>2x 2.5"</b> Rear SAS/SATA drive slots or better	01
			Processor	Intel <b>Xeon 4410</b> 2G, 12C/24T, 18M Cache, Turbo <b>or better</b>	02
			Memory	64GB RDIMMs, 5600MT/s or with better specs	04
			SSDs (OS Installation)	<b>480GB SSD RI</b> or better with RAID 1 Hot Plug	02
			NLSAS Drivers (Data)	<b>8TB SAS 12Gbps</b> 7200RPM 3.5" SATA HDD or better	04
			Networking RAID Controller	1x Dual port and 1x Quad port 1GbE Base-T Adapter	01
			Networking	<b>Dual port 10/25GbE</b> SFP+ Adapter with transceivers	02
				Raid controller card should Support drive speeds of 8 GT/s and 16 GT/s at maximum x2 lane width for NVMe drives, support for RAID levels 0, 1, 5, 6, 10, 50, 60, and provide up to 12 Gb/sec throughput	01
			Power Supply	Dual redundant Power Supply or better with power cables	01
			Management	Embedded Server Management Software for Remote Management enterprise-level	01
			OS	Microsoft Windows Server Standard Edition 2021 or latest for backup server	01
			Rail Kit	Complete Rail Kit for Rack Mounting	01
			Front Bezel	Front Bezel (front cover or faceplate)	01
Warranty	OEM Backed Warranty ( <b>5 Years</b> )	01			
Make	<b>American/European or Equivalent</b>	01			

Sr #	Specification	Qty	Description
05	NGFW	02	<p>Must Be Listed in the 2022 Gartner Magic Quadrant for Next Generation Firewall</p> <ul style="list-style-type: none"> <li>▪ Must be listed in the 2021 ICSA Labs Certified Next Generation Firewall</li> <li>▪ Must be listed in the 2022 Cyber Ratings for Enterprise Firewall</li> <li>▪ Must have minimum Firewall 30 Gbps Throughput</li> <li>▪ Must have 20Gbps Application Control Throughput</li> <li>▪ Must have 7Gbps IPS Throughput</li> <li>▪ Must Have minimum NGFW 5 Gbps Throughput</li> <li>▪ Must Have a Minimum 3.2 Gbps Threat Protection Throughput (FW + SA +BM+ IPS + Antivirus)</li> <li>▪ Must have Unrestricted Concurrent User</li> <li>▪ Must have 4 million concurrent sessions.</li> <li>▪ Must have minimum 1000 IPsec VPN</li> <li>▪ Must have minimum 256GB SSD Storage Capacity</li> <li>▪ Must have minimum 8GB RAM.</li> <li>▪ Must have minimum 16 x 1G Ethernet Interfaces</li> <li>▪ Must have minimum 6 x 10G Fiber SFP+ Interfaces with 02 10G SR Transceivers.</li> <li>▪ Must have Dual Power Supply (Hot-Swapping)</li> <li>▪ Must have Minimum 2 Free Network ports Slot for future Expansion.</li> <li>▪ Must Include Intrusion Prevention System (IPS), Anti-Virus &amp; Anti-Malware, Email Security Protection, Cloud-Based Security Sandbox, Web Filtering, Anti-Brute force attack Application Control, Bandwidth Management</li> <li>▪ Must Quote Minimum 30 Concurrent Users for SSL VPN</li> <li>▪ Must Support Real-Time Vulnerability Scanner</li> <li>▪ Must Support IPS signature over 9000+ entries on-premises admin able to customize IPS signature, search based in CVEID, Vulnerability Name and threat level.</li> <li>▪ Must support a dedicated account protection module to identify the abnormal usage of user accounts and support detection of weak password, and brute-force attack.</li> <li>▪ Built-in SOC monitor for visibility</li> <li>▪ Must <b>Quote 5 Year Complete Security</b> Features License</li> <li>▪ Must <b>Quote 5 Year Software Upgrade</b> &amp; 24x7 Technical Support</li> <li>▪ Must <b>Quote 5 Year Hardware Warranty</b> Service</li> <li>▪ Must Quote OEM Onsite Configuration &amp; Installation</li> <li>▪ <i>Must quote Onsite Thorough Training and Certification for 5 Participants by OEM</i></li> </ul>

Sr #	Specification	Qty	Description
06	Internet Security (IAM)	01	<p><b><u>General Requirement</u></b></p> <ul style="list-style-type: none"> <li>▪ Must Be Listed in the 2020 Gartner Magic Quadrant for Secure Web Gateway</li> <li>▪ Must Have Minimum 160Mbps Live Throughput (All Features Enabled)</li> <li>▪ Must Have Minimum 60,000 Concurrent Users</li> <li>▪ Must Have Minimum 128GB SSD Storage Capacity</li> <li>▪ Must Have Minimum 4 x 1G Ethernet Interface</li> <li>▪ Must have (Bypass) Copper 1 Pair</li> <li>▪ Must have extended slot x 1 (For Future Expansion)</li> <li>▪ Must <b>Quote 5 Years Traffic Control</b> Features Subscription License</li> <li>▪ Must <b>Quote 5 Years Software Subscription</b> &amp; 24x7 Technical Support</li> <li>▪ Must <b>Quote 5 Years of Hardware Warranty</b> Service</li> <li>▪ Must Quote Onsite Configuration &amp; Installation</li> <li>▪ User Authentication &amp; Management</li> <li>▪ Must Have User Identification Based on IP Address, MAC Address, Hostname</li> <li>▪ Must Have User Binding Based on IP Address and MAC Address</li> <li>▪ Must Have Identification of Endpoints such as Mobile, PC, etc.</li> <li>▪ Must Have SMS Authentication, Captive Portal, etc.</li> <li>▪ Must Have Captive Portal Integration with Microsoft Active Directory</li> <li>▪ Must Have Customizable Captive Portal HTML Page</li> <li>▪ Must Have URL Redirection After Captive Portal Authentication</li> <li>▪ Must Have Single Sign-On (SSO) Authentication based on Active Directory, Radius, POP3 and other Database Servers</li> <li>▪ Must Have QR Code Authentication with Self-Registration Capability</li> </ul> <p><b><u>Application Control &amp; Identification</u></b></p> <ul style="list-style-type: none"> <li>▪ Must Have More Than 6500+ Application Signatures</li> <li>▪ Must Have to Block HTTPS Applications and HTTPS Traffic without Install SSL Certificate</li> <li>▪ Must Have to Display Warning Message for Blocked URL</li> <li>▪ Must Have Application Control Policy with Application, Service, User Based and Schedule Based Policy</li> <li>▪ Must Have Punishment Policy for User Internet Violation (Block Internet Access for Certain Periods, Limit Bandwidth Speed for Certain Periods, etc.)</li> </ul>

			<p>Must Have Anti-Proxy Module Effectively Block Proxy Application / VPN Applications such as TOR Browser, Browsec, Ultrasurf, FreeGate, etc.</p> <ul style="list-style-type: none"> <li>▪ Must have ICAP server integration.</li> </ul> <p><b><u>Bandwidth Management</u></b></p> <ul style="list-style-type: none"> <li>▪ Must Have Quota Based Bandwidth Management (Daily and Monthly)</li> <li>▪ Must Have Limited Bandwidth Channel and Priority Bandwidth Channel</li> <li>▪ Must Have Dynamic Bandwidth Management</li> <li>▪ Must Have User Based Bandwidth Management</li> <li>▪ Must Have Bandwidth Management Policy with Application, Service, User and Schedule based</li> </ul> <p><b><u>Management &amp; Deployment</u></b></p> <ul style="list-style-type: none"> <li>▪ Must have Proxy functions: HTTP/HTTPS Sockets 4/5, ICAP</li> <li>▪ Must have HA support A/P, Hardware bypass.</li> <li>▪ Must have Deployment mode with Route, Bridge, Double Bridge, Bypass, Single arm.</li> </ul> <p><b><u>Internal &amp; External Report Center</u></b></p> <ul style="list-style-type: none"> <li>▪ Must Have a Built-In Internal Report Center for a <b>Minimum 6 Months of Logs</b></li> <li>▪ Must Have External Report Center Hardware OR Software for Longer Report Logs Storage</li> <li>▪ Must Have generated overall Network Information such as Maximum Concurrent User, Maximum Bandwidth Utilization, Network Peak Hour, etc.</li> <li>▪ Must Have Record User Traffic Logs with Details such as URL, Source IP Address, Destination IP Address, DNS Server, MAC Address, Source Port, Destination Port, Protocol, Timeline, etc.</li> <li>▪ Must Have to Generate Report with Different Timeline such as Yearly, Monthly, Weekly, Hourly, Minutely and Secondly</li> <li>▪ Must Have to Log Incoming Email and Outgoing Email with Sender Address, Recipient Address, Email Title, Send Time, Receive Time, Email Attachment, etc.</li> <li>▪ Must Have Big Data Report Analysis Capability such as Internet Addiction Risk Analysis, Electricity Waste Analysis, etc.</li> </ul>
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Sr #	Specification	Qty	Description
07	<b>Endpoint Security Solution</b>	175  (160x Clients and 15xServer)	<p>Must Support Centralized Endpoint Installation Via Active Directory</p> <ul style="list-style-type: none"> <li>▪ Must Quote Security Endpoints for PC/Workstation/Linux/Mac/Servers</li> <li>▪ The solution must provide protection for end-of-support systems including WIN8/10/11, Windows Server 2003/2008/2012/2016/2019/2022, etc.</li> <li>▪ Must Support Ransomware File Protection (Blocking and stopping encryption, one-click restores the encrypted file)</li> <li>▪ The solution should be able to provide a vulnerability hotfix for Windows systems. The hotfix can be effective without the need to reboot the OS system.</li> <li>▪ Must support Micro-Segmentation</li> <li>▪ Must support host-based IPS/Firewall</li> <li>▪ Must have a response to isolate the endpoint or to block specific ports or communication.</li> <li>▪ One-click network-wide file kill</li> <li>▪ The solution should support easy searching and exporting asset inventories such as software and ports, processes, system information, and more, across all workstation and server assets.</li> <li>▪ The solution should have application control that prevents applications from performing actions that may be dangerous for the system.</li> <li>▪ The solution should support honeypot (bait files) to detect ransomware.</li> <li>▪ The solution should have AI capabilities that allows identification and blocking of previously unknown malware based on malware family classification.</li> <li>▪ Must have application control and Water Marketing feature.</li> <li>▪ The solution should supports endpoint CPU restrict to make scanning more lightweight, which can reduce performance impacts on legacy systems, virtual desktops and overloaded systems.</li> <li>▪ The solution should have protection against hacker attacks by using a firewall with an intrusion detection and prevention system (IDS/IPS) and network activity rules. It should also provide deep packet inspection of incoming network traffic.</li> </ul>

			<ul style="list-style-type: none"><li>▪ The solution should provide recovery of files affected by ransomware encryption.</li><li>▪ The solution should provide recovery of snapshot image of the system if affected by ransomware encryption.</li><li>▪ The solution should provide anti-brute force for SMB, RDP, SQL DB session.</li><li>▪ Must have RDP and SSH Secondary Authentication</li><li>▪ Must have file less attack protection.</li><li>▪ Must have Trusted Process and Key directory protection (Ransomware)</li><li>▪ Must have Application control.</li><li>▪ Must have Mining Detection algorithm.</li><li>▪ The solution should provide full visibility into an attack event via the process chain.</li><li>▪ Must support brute-force attack and web shell detection.</li><li>▪ Must have Asset Inventory</li><li>▪ Must have built-in remote support.</li><li>▪ The solution should support threat hunting function to discover and track the attack methods of advanced threats by searching with a single condition (IP address, domain name, file, hash) or group conditions (network connection, domain name access, operations on files and processes, module loading, device information).</li><li>▪ Must have Security Compliance Check</li><li>▪ Realtime Visual Endpoint Connection Analysis</li><li>▪ Must Support USB Security Control for Unauthorized USB Devices</li><li>▪ Must Support Deep Learning / Artificial Intelligence Malware Detection</li><li>▪ Must Include Cloud-Sandbox Capability for Realtime Security Detection</li><li>▪ Must Quote 3 Years Software Upgrade &amp; 24x7 Technical Support</li><li>▪ Extended Detection, Defense and Response (XDDR)</li><li>▪ Endpoint Behavior Data &amp; Log Collection</li></ul>
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Sr #	Specification	Qty	Description
08	<p><b>48x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support - PR Site - ToR Switch</b></p> <p><b>(American/European or Equivalent)</b></p>	02	<ol style="list-style-type: none"> <li>1. Switch must support the following interfaces:               <ol style="list-style-type: none"> <li>a. 48 x 1/10/25 GbE ports</li> <li>b. 8 x 40G/100G QSFP28 uplinks</li> <li>c. The switch should be proposed with 18 x 10G SR transceivers and 10 x 1G RJ45 transceivers.</li> </ol> </li> <li>2. Switch should support the following Capacities:               <ol style="list-style-type: none"> <li>a. 4.0 Tbps Switching Capacity or Higher.</li> <li>b. 2.0 Bpps Forwarding Capacity or Higher.</li> </ol> </li> <li>3. Switch must support the following specification minimum.               <ol style="list-style-type: none"> <li>a. 4 GB DRAM</li> <li>b. 32 GB NVRAM</li> <li>c. 32 MB Packet Buffer</li> <li>d. Latency 0.8 <math>\mu</math>s</li> </ol> </li> <li>4. Switch should support following entries:               <ol style="list-style-type: none"> <li>a. MAC Address: 90K or Higher</li> <li>b. Route table: IPv4 128K or higher</li> <li>c. Route table: IPv6 7K or higher</li> <li>d. QoS Priority Queues for unicast: 10 or higher</li> </ol> </li> <li>5. Switch should have Redundant Power Supplies and Fan Modules</li> <li>6. Switch should support stacking of minimum 10 Switches with Hot insertion/removal of stack members.</li> <li>7. Support Stacking on Uplink fiber ports at maximum distance of 10Km.</li> <li>8. In Service Software Update ISSU</li> <li>9. Switch should support Layer 3 VRRP protocol redundancy or equivalent.</li> <li>10. Layer 2 VSRP switch redundancy or equivalent.</li> <li>11. Switch must be SDN ready and support following.               <ol style="list-style-type: none"> <li>a. OpenFlow 1.3 support</li> <li>b. sFlow support</li> </ol> </li> <li>12. Switch must support following layer2 features:               <ol style="list-style-type: none"> <li>a. 802.1X authentication and CoA</li> <li>b. IGMP Snooping (v1/v2/v3)</li> <li>c. MAC Learning Disable MLD Snooping (v1/v2)</li> <li>d. MAC authentication and Web authentication</li> <li>e. TACACS/TACACS+</li> <li>f. Link Fault Signaling (LFS)</li> </ol> </li> <li>13. Switch also support the base layer 3 features:               <ol style="list-style-type: none"> <li>a. IPv4 and IPv6 static routes Rip v1/v2, RIPng</li> <li>b. ECMP</li> <li>c. Port-based ACL</li> <li>d. Layer3/Layer4 ACLs</li> </ol> </li> </ol> <p>Switches should be American/European only. Quoted vendor should be at least in Gartner report 2024.</p> <p>2 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.</p>

Sr #	Specification	Qty	Description
09	<p><b>48x 1/10/25 GbE SFP28 ports with 8 x 40/100GbE QSFP28 Uplink Ports Support – DR Site - ToR Switch</b></p> <p><b>(American/Euro pean or Equivalent)</b></p>	01	<ol style="list-style-type: none"> <li>1. Switch must support the following interfaces:               <ol style="list-style-type: none"> <li>a. 48 x 1/10/25 GbE ports</li> <li>b. 8 x 40G/100G QSFP28 uplinks</li> <li>c. The switch should be proposed with 10 x 10G SR transceivers and 10 x 1G RJ45 transceivers.</li> </ol> </li> <li>2. Switch should support the following Capacities:               <ol style="list-style-type: none"> <li>a. 4.0 Tbps Switching Capacity or Higher.</li> <li>b. 2.0 Bpps Forwarding Capacity or Higher.</li> </ol> </li> <li>3. Switch must support the following specification minimum.               <ol style="list-style-type: none"> <li>a. 4 GB DRAM</li> <li>b. 32 GB NVRAM</li> <li>c. 32 MB Packet Buffer</li> <li>d. Latency 0.8 <math>\mu</math>s</li> </ol> </li> <li>4. Switch should support the following entries:               <ol style="list-style-type: none"> <li>a. MAC Address: 90K or Higher</li> <li>b. Route table: IPv4 128K or higher</li> <li>c. Route table: IPv6 7K or higher</li> <li>d. QoS Priority Queues for unicast: 10 or higher</li> </ol> </li> <li>5. Switch should have Redundant Power Supplies and Fan Modules</li> <li>6. Switch should support stacking of a minimum 10 Switches with Hot insertion/removal of stack members</li> <li>7. Support Stacking on Uplink fiber ports at a maximum distance of 10 km.</li> <li>8. In Service Software Update ISSU</li> <li>9. Switch should support Layer 3 VRRP protocol redundancy or equivalent</li> <li>10. Layer 2 VSRP switch redundancy or equivalent</li> <li>11. Switch must be SDN ready and support following</li> <li>12. OpenFlow 1.3 support</li> <li>13. sFlow support</li> <li>14. Switch must support following layer2 features:               <ol style="list-style-type: none"> <li>a. 802.1X authentication and CoA</li> <li>b. IGMP Snooping (v1/v2/v3)</li> <li>c. MAC Learning Disable MLD Snooping (v1/v2)</li> <li>d. MAC authentication and Web authentication</li> <li>e. TACACS/TACACS+</li> <li>f. Link Fault Signalling (LFS)</li> </ol> </li> <li>15. Switch also support the base layer 3 features:               <ol style="list-style-type: none"> <li>a. IPv4 and IPv6 static routes Rip v1/v2, RIPng</li> <li>b. ECMP</li> <li>c. Port-based ACL</li> <li>d. Layer3/Layer4 ACLs</li> </ol> </li> </ol> <p>Switches should be American/European only.            Quoted vendor should be at least in Gartner report 2024.            3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.</p>

Sr #	Specification	Qty	Description
10	<p><b>48 Ports POE Switch with 10GbE Uplink Ports Support – Access Switch</b></p> <p><b>(American/European or Equivalent)</b></p>	07	<ol style="list-style-type: none"> <li>1. Switch must support the following interfaces:               <ol style="list-style-type: none"> <li>a. 48x 1GbE Ports POE+</li> <li>b. 2x 1G RJ45 uplink-ports</li> <li>c. 2x 10G SFP+ uplink ports with 10G SR transceivers.</li> </ol> </li> <li>2. Switch should support the following Capacities:               <ol style="list-style-type: none"> <li>a. 180Gbps Switching Capacity or Higher.</li> <li>b. 134Mpps Forwarding Capacity or Higher.</li> </ol> </li> <li>3. Switch must support the following specification minimum.               <ol style="list-style-type: none"> <li>a. 1 GB DRAM</li> <li>b. 2 GB NVRAM</li> <li>c. 2MB Packet Buffer</li> </ol> </li> <li>4. Switch must support 370 W PoE power budget or Higher.</li> <li>5. Switch should support stacking of minimum 12 Switches at maximum distance of 10Km or equivalent.</li> <li>6. Switch must be SDN ready and support following:               <ol style="list-style-type: none"> <li>a. OpenFlow 1.3 support</li> <li>b. sFlow support</li> <li>c. Switch should support Hybrid Port Mode on all the Switch Ports.</li> </ol> </li> <li>7. Switch also support the base layer 3 features:               <ol style="list-style-type: none"> <li>3 IPv4 and IPv6 static routes-Rip v1/v2, RIPng</li> <li>4 ECMP</li> <li>5 Port-based ACL</li> <li>6 Layer3/Layer4 ACLs</li> <li>7 Virtual Interfaces</li> <li>8 Host routes.</li> <li>9 Routed Interfaces</li> <li>10 Routing between directly connected subnets.</li> </ol> </li> </ol> <p>Switches should be American/European only.            Quoted vendor should be at least in Gartner report 2024.            3 Year support must be included in Switch, support includes Advanced Hardware Replacement (Next Business Day) and Software upgrades.</p>

Sr #	Specification	Qty	Description
11	<p data-bbox="264 957 508 1056"><b>Access Point Qty with Inbuilt Controller</b></p> <p data-bbox="264 1094 508 1161"><b>American/Euro pean brands</b></p>	10	<ul style="list-style-type: none"> <li data-bbox="695 233 1511 300">▪ Access Point must support 802.11 abgn/ac/ax standards.</li> <li data-bbox="695 310 1198 344">▪ Support MU-MIMO and OFDMA</li> <li data-bbox="695 354 1511 422">▪ The access point should work on 2.4GHz and 5 GHz bands simultaneously.</li> <li data-bbox="695 432 1511 499">▪ Access Point should support 574 Mbps (2.4 GHz) and 1200 Mbps (5 GHz).</li> <li data-bbox="695 510 1511 577">▪ Access point must work on 2 x 2 MU-MIMO with 2 Spatial Streams on each band.</li> <li data-bbox="695 588 1511 655">▪ Access Point should support Channelization of 20 MHz, 40 MHz and 80 MHz</li> <li data-bbox="695 665 1500 699">▪ Support dual Polarized Integrated Multiple antennas.</li> <li data-bbox="695 709 1511 777">▪ Support Adaptive Polarization Diversity- MRC (PD-MRC)</li> <li data-bbox="695 787 1511 854">▪ Device must support 3 dBi physical antenna gain and 3- 5dB (TX/RX) Beamflex gain.</li> <li data-bbox="695 865 1511 932">▪ Transmit power of AP: 26 dBm on 2.4 GHz and 25 dBm on 5 GHz Radio.</li> <li data-bbox="695 942 1511 1010">▪ Support automatic RF Channel selection through maximum Channel Throughput Technology.</li> <li data-bbox="695 1020 1511 1087">▪ Access Point should support WMM, Power Save, LDPC, STBC, 802.11r/k/v</li> <li data-bbox="695 1098 1511 1165">▪ Must have 2 x 1Gbps Ethernet port and AP should support 802.3af/at PoE standards.</li> <li data-bbox="695 1176 1045 1209">▪ Support rate limiting.</li> <li data-bbox="695 1220 1214 1253">▪ USB port for BLE smart beacons.</li> <li data-bbox="695 1264 1511 1331">▪ Wireless Security: WPA-PSK, WPA-TKIP, WPA2 AES, WPA3, 802.11i, Dynamic PSK, OWE</li> <li data-bbox="695 1341 1463 1375">▪ AP should authenticate via RADIUS, AD and LDAP</li> <li data-bbox="695 1386 1511 1453">▪ Support integrated NAT and DHCP as Standalone Access Point.</li> <li data-bbox="695 1463 1511 1530">▪ The access point should support 802.1q VLAN tagging.</li> <li data-bbox="695 1541 1268 1575">▪ AP should support 31 or above SSID.</li> <li data-bbox="695 1585 1511 1652">▪ Implement Wi-Fi alliance standards WMM, WMM-PS, 802.11d, 802.11h and 802.11e.</li> <li data-bbox="695 1663 1219 1696">▪ 512 Concurrent client's supports.</li> <li data-bbox="695 1707 1419 1740">▪ Device must support IPv4, IPv6 and Dual Stack</li> <li data-bbox="695 1751 1105 1785">▪ Limited Lifetime warranty</li> <li data-bbox="695 1795 1263 1829">▪ Device should be PTA type approved.</li> <li data-bbox="695 1839 1511 1906">▪ Access Point must have capability of becoming Controller.</li> </ul>

			<ul style="list-style-type: none"> <li>▪ Wireless Controller must be inbuilt in the proposed Access Point.</li> <li>▪ Controller should be able to support up to 128 access points.</li> <li>▪ Controller should be Wi-Fi 6 Ready.</li> <li>▪ Controller should support up to 2000 concurrent user sessions.</li> <li>▪ Support automatic channel adjustment based on Background scanning and Channel Throughput.</li> <li>▪ Controller should automatically select the RF Channel with greater Throughput.</li> <li>▪ Support automatic transmits power adjustment on each AP to achieve optimal performance.</li> <li>▪ Support Smart Mesh technology.</li> <li>▪ Controller should Support Hotspot WISPr WLANs</li> <li>▪ System must detect the Rogue Access point and indicate malicious AP and Mac Spoofing.</li> <li>▪ System must prevent the clients to communicate with Malicious Access.</li> <li>▪ Support DHCP server.</li> <li>▪ Controller support Guest network and policies and captive portal.</li> <li>▪ Support 802.1Q (VLAN) per SSID</li> <li>▪ Controller should support WEP, WPA-TKIP, WPA2-AES, 802.11i.</li> <li>▪ 802.1X Authentication Caching 802.1X EAP authentication using an external AAA server (RADIUS)</li> <li>▪ Controller should support ACL (Access list) layer 2, layer 3 and layer 4.</li> <li>▪ Controller should support the device-based policies for iOS, Android, windows and Linux.</li> <li>▪ Support web access rules for your network users. Protect your network from malware and phishing sites.</li> <li>▪ Controller must support features like Real time, Band balancing, Band Steering, Application recognition &amp; Control, and WLAN time scheduling.</li> <li>▪ Support Automatic user security with unique encryption per user also support Social Media login (Facebook, Google, LinkedIn, Microsoft and WeChat)</li> <li>▪ Limited Lifetime Warranty</li> </ul>
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Sr #	Specification	Qty	Description
12	SMART Rack	01	<ul style="list-style-type: none"> <li>▪ <b>42U indoor closed cabinet kit, dimension 600mm(W)*1100mm(D)*2000mm(H). Including a 9-folded support frame, mounting flange, top panel with brush, bottom panel with brush, wheels and cups, sandwich-type transparent front door with thermal insulation, and split rear doors.</b></li> <li>▪ Quick installation type tool free blanking panel 1U height</li> <li>▪ Side door for closed cabinet 42U height, built with sheet metal and thermal insulation</li> <li>▪ Lights for Micro Data Center (MDC), red light at the rear side and blue light at the front side</li> <li>▪ Vertical cable organizer, 42U height. Including cable plates, and cable rings.</li> <li>▪ Horizontal cable organizer including cable slot and cover, 1U height.</li> <li>▪ <b>In row cooling 7.6kW, cooling w/ humidification, EC fan, packaged standalone, 208-240V/1P-2P/50Hz-60Hz.</b></li> <li>▪ <b>2x 10kVA Online rackmount UPSs, 220V/220V, 2U, power factor 1.0, redundant card, 4-6 Hours backup time with external battery banks</b></li> <li>▪ Rack mount PDM, 63A 1P power input, including power meters, surge protection, and power distribution and management branches of 2x UPS, 2x Cooling, 1x UPS bypass, 2x PDU, and 1x surge protection. 3U height.</li> <li>▪ 32A rated input current, 12 bit C13 output sockets, 4 bit C19 output sockets, junction box with indicator, vertical installation</li> <li>▪ Integrated monitoring host with a built-in display, communicates with sensors (temperature &amp; humidity, smoke, leaking, door open) and equipment (cooling, ups and power meters). Web portal and Modbus-TCP port. Wall mounting type.</li> <li>▪ Temperature and humidity sensor, RS-485 type</li> <li>▪ Smoke sensor for fire sensing, dry contact type with alarm light.</li> <li>▪ Water flooding sensor, none positioning type.</li> <li>▪ Door status sensor, dry contact type</li> </ul>

			<ul style="list-style-type: none"> <li>▪ Rackmount switch router, 10 network port or better</li> <li>▪ Access controller, management of users, logs and access authorization, 2 door type.</li> <li>▪ Door locking system Kit assembly, including magnetic type locks, and hydraulic open poles. 1 door of indoor micro data centre.</li> <li>▪ 3 in 1 access control reader, supporting fingerprint, RFID card, and pin</li> <li>▪ RFID card for container access</li> <li>▪ GSM Modem</li> <li>▪ KVM Console Switch, KVM Console USB Interface Adapter</li> <li>▪ USB Remote Access Key KVM Console Switches, KVM CAT5 Cables as per quoted ports, LCD 1U Rackmount Console Kit</li> <li>▪ FM200 automatic fire fighting system, rack mount 3U height, gas volume 1kg, temperature and smoke sensor integrated. Supports 1-2 cabinets.</li> </ul> <p><b>Certification</b> The product should be CE Certified. OEM Should be ISO Certified. OEM Should attach a Satisfactory Remarks letter from clients.</p> <p><b>Deployment</b> Deployment of the Smart Power solution end to end with all required items should be included.</p> <p><b>Warranty</b> 5 Year OEM Warranty, 4 Quarterly Maintenance to be included Per Annum</p> <p><b>General Terms</b> The vendor should be a Channel Partner with OEM with certified engineers The vendor should share MAL from OEM. OEM should have at least 5 Data Centre implementations. (Certificates required). OEM Should have a local presence. (Letter required)</p>
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Sr #	Specification	Qty	Description
13	<p align="center"><b>Standalone UPS 6KVA For DR-Site</b></p>	01	<p><b>Nominal Input &amp; Output Voltage:</b> 208/220/230/240AC  <b>Power Factor:</b>1            True Online Double Conversion High-frequency pure sine wave            Parallel Kit for redundancy  <b>Backup Time: 4-6 hours</b>  <b>Warranty:</b>5 Years  <b>Note:</b> Installation of UPS including Electric Work  <i>OEM Should have a local presence. (Letter required)</i></p>
Sr #	Specification	Qty	Description
14	<p align="center"><b>Diesel Generator 25- 30KVA for Data Centre</b></p>	01	<p>Supply, Installation, testing, tagging &amp; commissioning of Prime Powered Diesel Generator (coupled by manufacturer or imported by authorized distributor) with waterproof and Sound Proof Canopy 72db from a distance of 15 feet, earthing &amp; Built-in fuel tank with static battery charger.</p> <p>Standby Diesel Generator 25-30 KVA            Make: Perkins or equivalent            Alternator: Stamford/Leroy Somer or equivalent            Module: Deep Sea (with all safety protections)            Canopy: Yes            Fuel Tank (Built-in): 200 liters            Foundation Pad: In concrete with steel reinforcement            ATS+MOR: Yes            Earthing: Yes (upto 1<sup>st</sup> water level minimum 25 feet with copper wire, coal plug and complete in all aspects)            The complete solution should have a 5-year warranty along with SLA. The Vendor shall be responsible for the provisioning of comprehensive parts warranty and support of all equipment 24/7/365.</p>

<b>Sr #</b>	<b>Specification</b>	<b>Qty</b>	<b>Description</b>
<b>15</b>	<b>Software's</b>	<b>03</b>	<ul style="list-style-type: none"> <li>▪ Microsoft Windows Server OLP Standard Edition 2022 or latest <b>Qty 03x Server</b> with Microsoft Windows Server 2022 - <b>User Cal Qty 150</b></li> </ul>
		<b>02</b>	<ul style="list-style-type: none"> <li>▪ SUSE Linux Enterprise Server or compatible and equivalent OS for ERP Applications with Live Patching, x86-64, 1-2 Sockets with Unlimited Virtual Machines, Priority Subscription, 5-Years</li> </ul>
		<b>1-Job</b>	<ul style="list-style-type: none"> <li>▪ Network Monitoring System - Module for Unified Network Monitoring and inventory management platform, Custom workflow integration, Network Monitoring, Inventory Management, Auto Discovery, Physical Mapping and Dashboarding, Proactive Alerts and Notifications, 100 devices - 5-year support.</li> </ul>
<b>Sr #</b>	<b>Specification</b>	<b>Qty</b>	<b>Description</b>
<b>16</b>	<b>Cables/Passive</b>	---	As per actual concerning site survey before tender and must fulfil this solution requirement. The vendor would be solely responsible for these items.
<b>Sr #</b>	<b>Specification</b>	<b>Qty</b>	<b>Description</b>
<b>17</b>	<b>Local Partner SLA</b>	---	<p>Must quote separate prices of the local Partner for the SLA support services that include:</p> <ul style="list-style-type: none"> <li>▪ Onsite Hardware replacement</li> <li>▪ Deployment, Configuration, and best practices services</li> </ul>

**Payment Milestones**

Payment shall be made in Pak. Rupees in the following manner:

1. 90% of the total amount will be made on successfully delivering hardware & software. Including successful installation, commissioning, migration of Existing IT Systems and successful User Acceptance Testing (UAT) of the solution. PPIB will issue a Provisional Acceptance Certificate (PAC) at this step.
2. 10% Payment will be made upon Final Acceptance Certificate (FAC). FAC will be issued after the successful completion of training and successful completion of 3 months after the issuance date of PAC.

**Delivery Schedule / Project Timelines**

the implementation and rollout in **20 weeks** from the date of the Award of the Contract. However, training can be scheduled later but should be completed within 3 months after the issuance of the PAC (Provisional Acceptance Certificate). Also, the SLA will start after the issuance of the Provisional Acceptance Certificate (PAC).

**Quantities increase/decrease:**

Quantities may be increased/ decreased up to  $\pm 15\%$  of services, materials & equipment.

### 4. Drawings

This bidding document includes *[insert “the following” or “no”]* drawings.  
*[If documents shall be included, insert the following List of Drawings]*

<b>List of Drawings</b>		
<b>Drawing Nr.</b>	<b>Drawing Name</b>	<b>Purpose</b>

NOT APPLICABLE

## 5. Inspections and Tests

The following inspections and tests shall be performed:

Inspection as per given technical specifications before delivery:

- **Post-shipment inspection at the project site at PPIB Office, Islamabad.**





## **PART 3 - Contract**



# Section VIII - General Conditions of Contract

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## Section VIII - General Conditions of Contract

### 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) **“Bank”** means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (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.
- (c) **“Contract Documents”** means the documents listed in the Contract Agreement, including any amendments thereto.
- (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.
- (e) **“Day”** means calendar day.
- (f) **“Completion”** means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) **“GCC”** means the General Conditions of Contract.
- (h) **“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.
- (i) **“Purchaser’s Country”** is the country specified in the **Special Conditions of Contract (SCC)**.
- (j) **“Purchaser”** means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
- (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.
- (l) **“SCC”** means the Special Conditions of Contract.
- (m) **“Subcontractor”** means any person, private or government entity, or a combination of the above,

	<p>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) <b>“Supplier”</b> 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) <b>“The Project Site,”</b> where applicable, means the place named in the <b>SCC</b>.</p>
<p><b>2. Contract Documents</b></p>	<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>
<p><b>3. Fraud and Corruption</b></p>	<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 the WBG’s Sanctions Framework, 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>
<p><b>4. Interpretation</b></p>	<p>4.1 If the context so requires it, singular means plural and vice versa.</p> <p>4.2 Incoterms</p> <p>(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 <b>specified in the SCC</b>.</p> <p>(b) The terms EXW, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the <b>SCC</b> and published by the International Chamber of Commerce in Paris, France.</p> <p>4.3 Entire Agreement</p>

	<p>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</p> <p>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</p> <p>(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.</p> <p>(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</p> <p>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>
<p><b>5. Language</b></p>	<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 <b>SCC</b>. 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> <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.</p>

<p><b>6. Joint Venture, Consortium or Association</b></p>	<p>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.</p>
<p><b>7. Eligibility</b></p>	<p>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.</p> <p>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.</p>
<p><b>8. Notices</b></p>	<p>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 <b>SCC</b>. The term “in writing” means communicated in written form with proof of receipt.</p> <p>8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.</p>
<p><b>9. Governing Law</b></p>	<p>9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser’s Country, unless otherwise specified in the <b>SCC</b>.</p> <p>9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in the Purchaser’s Country when:</p> <p>(a) as a matter of law or official regulations, the Borrower’s country 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, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.</p>

<p><b>10. Settlement of Disputes</b></p>	<p>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.</p> <p>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 <b>SCC</b>.</p> <p>10.3 Notwithstanding any reference to arbitration herein,</p> <ul style="list-style-type: none"> <li>(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and</li> <li>(b) the Purchaser shall pay the Supplier any monies due the Supplier.</li> </ul>
<p><b>11. Inspections and Audit by the Bank</b></p>	<p>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.</p> <p>11.2 Pursuant to paragraph 2.2 e. of Appendix 1 to the General Conditions 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</p>

	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.
<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 <b>SCC</b> .
<b>14. Supplier's Responsibilities</b>	<p>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> <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, harbouring 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>

	<p>(a) with exposure to physical, psychological or sexual abuse;</p> <p>(b) underground, underwater, working at heights or in confined spaces;</p> <p>(c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads;</p> <p>(d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or</p> <p>(e) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.</p> <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 <b>specified in the SCC.</b></p>
<p><b>15. Contract Price</b></p>	<p>15.1 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 <b>SCC.</b></p>
<p><b>16. Terms of Payment</b></p>	<p>16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the <b>SCC.</b></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.</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 <b>SCC</b>, the Purchaser shall pay to the Supplier</p>

	<p>interest on the amount of such delayed payment at the rate shown in the <b>SCC</b>, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.</p>
<p><b>17. Taxes and Duties</b></p>	<p>17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.</p> <p>17.2 For goods Manufactured within the Purchaser's Country, 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 the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.</p>
<p><b>18. Performance Security</b></p>	<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 <b>SCC</b>.</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 format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.</p> <p>18.4 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 performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the <b>SCC</b>.</p>
<p><b>19. Copyright</b></p>	<p>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</p>

	materials shall remain vested in such third party.
<b>20. Confidential Information</b>	<p>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.</p> <p>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.</p> <p>20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:</p> <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> <p>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.</p> <p>20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.</p>

<p><b>21. Subcontracting</b></p>	<p>21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. 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.</p> <p>21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.</p>
<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 VI, 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.</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,</p>

	<p>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>
<b>24. Insurance</b>	<p>24.1 Unless otherwise specified in the <b>SCC</b>, 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 <b>SCC</b>.</p>
<b>25. Transportation and Incidental Services</b>	<p>25.1 Unless otherwise specified in the <b>SCC</b>, 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> <ul style="list-style-type: none"> <li>(a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>(b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>(c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>(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 obligations under this Contract; and</li> <li>(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.</li> </ul> <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</p>

	the Supplier for similar services
<p><b>26. Inspections and Tests</b></p>	<p>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 <b>SCC</b>.</p> <p>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 the Purchaser's Country as specified in the <b>SCC</b>. 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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.</p> <p>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</p>

	<p>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.</p> <p>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 or other obligations under the Contract.</p>
<p><b>27. Liquidated Damages</b></p>	<p>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 liquidated damages, a sum equivalent to the percentage specified in the <b>SCC</b> 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 <b>SCC</b>. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.</p>
<p><b>28. Warranty</b></p>	<p>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.</p> <p>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 the country of final destination.</p> <p>28.3 Unless otherwise specified in the <b>SCC</b>, 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 <b>SCC</b>, 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.</p> <p>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.</p>

	<p>28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the <b>SCC</b>, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.</p> <p>28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the <b>SCC</b>, 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.</p>
<p><b>29. Patent Indemnity</b></p>	<p>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:</p> <ul style="list-style-type: none"> <li>(a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and</li> <li>(b) the sale in any country of the products produced by the Goods.</li> </ul> <p>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.</p> <p>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 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</p>

	<p>the Purchaser shall be free to conduct the same on its own behalf.</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>
<p><b>30. Limitation of Liability</b></p>	<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 liquidated 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>
<p><b>31. Change in Laws and Regulations</b></p>	<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 the Purchaser's Country 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</p>

	<p>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>
<p><b>32. Force Majeure</b></p>	<p>32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated 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</p>

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.

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.

33.4 **Value Engineering:** 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;

- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
- (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
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser may accept the value engineering proposal if the proposal demonstrates benefits that:

- (a) accelerates the delivery period; or
- (b) reduces the Contract Price or the life cycle costs to the Purchaser; or
- (c) improves the quality, efficiency or sustainability of the Goods; or
- (d) yields any other benefits to the Purchaser,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (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

	<p>the Contract Price.</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 liquidated damages pursuant to GCC Clause 26, 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 paragraph 2.2 a of the Appendix 1 to the GCC, 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 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</p>

	<p>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 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 the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those

	<p>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.</p>
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# APPENDIX 1

## Fraud and Corruption

*(Text in this Appendix shall not be modified)*

### 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>4</sup> (ii) to be a nominated<sup>5</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

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<sup>4</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>5</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.

providers, suppliers, agents, personnel, permit the Bank to inspect<sup>6</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>6</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.*

## 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 IX - Special Conditions of Contract

<b>GCC 1.1(i)</b>	The Purchaser's Country is: <b>Islamic Republic of Pakistan</b>
<b>GCC 1.1(j)</b>	The Purchaser is: <b>Private Power &amp; Infrastructure Board (PIIB) through the Project Implementation Unit, Electricity Distribution Efficiency Improvement Project, Ministry of Energy (Power Division), Islamabad</b>
<b>GCC 1.1(o)</b>	The Project Site(s)/Final Destination(s) is/are: <b>Private Power &amp; Infrastructure Board, Ministry of Energy (Power Division), Government of Pakistan</b>  <b>Address: Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad - Pakistan.</b> <b>Telephone: +92-51-926-4034-45</b> <b>Fax: +92-51-926-4030-31</b>
<b>GCC 1.1 (p)</b>	The term <b>SEA/SH</b> where used in the Contract has the following meaning: <ul style="list-style-type: none"> <li>• <b>“Sexual Exploitation and Abuse” “(SEA)”</b> means the following: <p><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.</p> <p><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.</p> </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>GCC 4.2 (a)</b>	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms, they shall be as prescribed by: <b>Incoterms 2020</b>
<b>GCC 4.2 (b)</b>	The version edition of Incoterms shall be <b>Incoterms 2020</b>

<b>GCC 5.1</b>	The language shall be: <b>English</b>		
<b>GCC 8.1</b>	<p>For <b>notices</b>, the Purchaser's address shall be:</p> <table border="1" data-bbox="464 380 1425 779"> <tr> <td data-bbox="464 380 724 779">Attention:</td> <td data-bbox="724 380 1425 779"> <p><b>Managing Director</b>  Private Power &amp; Infrastructure Board (PPIB)  Ministry of Energy (Power Division), Government of Pakistan  Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan  Phone: (92-51)9264034-45  Email: <a href="mailto:ppib@ppib.gov.pk">ppib@ppib.gov.pk</a></p> </td> </tr> </table>	Attention:	<p><b>Managing Director</b>  Private Power &amp; Infrastructure Board (PPIB)  Ministry of Energy (Power Division), Government of Pakistan  Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan  Phone: (92-51)9264034-45  Email: <a href="mailto:ppib@ppib.gov.pk">ppib@ppib.gov.pk</a></p>
Attention:	<p><b>Managing Director</b>  Private Power &amp; Infrastructure Board (PPIB)  Ministry of Energy (Power Division), Government of Pakistan  Ground &amp; 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan  Phone: (92-51)9264034-45  Email: <a href="mailto:ppib@ppib.gov.pk">ppib@ppib.gov.pk</a></p>		
<b>GCC 9.1</b>	The governing law shall be the law of: <b>Islamic Republic of Pakistan</b>		
<b>GCC 10.2</b>	<p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p style="padding-left: 40px;">the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's Country (Arbitration Act of 1940)</p>		
<b>GCC 13.1</b>	<p>Details of Shipping and other Documents to be furnished by the Supplier are <b>[Bill of Lading, Packing List / Dispatch Note, to be provided by Supplier / Bidder at the time of delivery.</b></p> <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>		
<b>GCC 14.9</b>	<b>Not Applicable</b>		
<b>GCC 15.1</b>	The prices charged for the Goods supplied and the related Services performed <b>shall not</b> adjustable.		
<b>GCC 16.1</b>	<p><b><i>GCC 16.1 – The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</i></b></p> <p><b><i>Payment for Goods:</i></b></p> <p><b><i>Payment shall be made in Pak. Rupees in the following manner:</i></b></p> <p><b><i>1. 90% of the total amount will be made on successfully delivering hardware &amp; software. Including successful</i></b></p>		

	<p><i>installation, commissioning, migration of Existing IT Systems and successful User Acceptance Testing (UAT) of the solution. PPIB will issue a Provisional Acceptance Certificate (PAC) at this step.</i></p> <p><i>2. 10% Payment will be made upon Final Acceptance Certificate (FAC). FAC will be issued after the successful completion of training and successful completion of 3 months after the issuance date of PAC.</i></p>
<b>GCC 16.5</b>	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 30 days: <b>Not Applicable</b></p> <p>The interest rate that shall be applied is: <b>Not Applicable</b></p>
<b>GCC 18.1</b>	<p>A Performance Security <b>shall be</b> required.</p> <p>The amount of the Performance Security shall be: <b>10% of the Contract Amount.</b></p>
<b>GCC 18.3</b>	<p>If required, the Performance Security shall be in the form of: <b>Bank Guarantee from any scheduled bank of Pakistan</b></p>
<b>GCC 18.4</b>	<p>Discharge of the Performance Security shall take place: <b>Not later than twenty-eight (28) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.</b></p>
<b>GCC 23.2</b>	
<b>GCC 24.1</b>	<p>The insurance coverage shall be as specified in the Incoterms.</p>
<b>GCC 25.1</b>	<p>Responsibility for transportation of the Goods shall be as specified in the Incoterms.</p>
<b>GCC 25.2</b>	<p>Incidental services to be provided are: <b>All services required to supply and installation of the equipment.</b></p>
<b>GCC 26.1</b>	<p>The inspections and tests shall be: <b>Installation, Testing &amp; Commissioning of Data Center Facility/Equipment at PPIB Migration of Existing IT Systems, Backup Solution</b></p>

<b>GCC 26.2</b>	The Inspections and tests shall be conducted at: project site Private Power & Infrastructure Board (PPIB), Ground & 2nd Floor Emigration Tower Sector G/8-1, Islamabad - Pakistan
<b>GCC 27.1</b>	The liquidated damage (LD) shall be: <b>0.1% of Contract price per week.</b> <b>The LD shall be applied on the Supply, Installation, Testing &amp; Commissioning of Data Center Facility / Equipment only; and shall not be applicable on services.</b>
<b>GCC 27.1</b>	The maximum amount of liquidated damages shall be: <b>10% of Contract Price.</b>
<b>GCC 28.3</b>	The period of validity of the Warranty shall be: <b>12 months after delivery, inspection, and acceptance of goods/services.</b>  For purposes of the Warranty, the place(s) of final destination(s) shall be: <b>Private Power &amp; Infrastructure Board, Ministry of Energy (Power Division), Government of Pakistan</b>  <b>Address: Ground &amp; Second Floor, Emigration Tower, Plot#10, Mauve Area, Sector G-8/1, Islamabad - Pakistan.</b> <b>Telephone: +92-51-926-4034-45</b> <b>Fax: +92-51-926-4030-31</b>
<b>GCC 28.5, GCC 28.6</b>	The period for repair or replacement shall be: <b>15 to 25 days</b>
<b>GCC 32</b>	<b>Force Majeure events also includes sanctions, embargos or acts of government.</b>
<b>GCC 33.4</b>	<b>Not Applicable</b>



# Section X - Contract Forms

## Table of Forms

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## Notification of Intention to Award

***[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]***

***[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]***

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 that this Notification is transmitted to Bidders. The Notification must be sent to all 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

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

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

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

**Country:** *[insert country where RFB is issued]*

**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>	[insert name of successful Bidder]
<b>Address:</b>	[insert address of the successful Bidder]
<b>Contract price:</b>	[insert contract price of the successful Bid]

**2. Other Bidders** *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]*

<b>Name of Bidder</b>	<b>Bid price</b>	<b>Evaluated Bid price (if applicable)</b>
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]

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

***[INSTRUCTIONS: 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

**Period: Procurement-related Complaint challenging the decision to award shall be submitted by 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.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)](#) (Annex III). 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).**

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 as stated in Section 4 above.

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)
[include full name (last, middle, first), nationality, country of residence]			

**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 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]\_\_\_\_\_

**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 the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

# Letter of Acceptance

*[use letterhead paper of the Purchaser]*

*[date]*

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

Subject: **Notification of Award 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 SCC]*** for the Accepted Contract Amount of ***[insert amount in numbers and words and name of currency]***, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our 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 Forms 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, included in Section X, - Contract Forms, of the Bidding Document.

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

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

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

**Attachment: Contract Agreement**

## Contract Agreement

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of ... of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* 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]*, a 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 ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and 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) the Specification (including Schedule of Requirements and Technical Specifications)
  - (g) the completed Schedules (including Price Schedules)
  - (h) any other document listed in GCC 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 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 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 *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*  
in the capacity of *[insert title or other appropriate designation]*  
In the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

## Performance Security

### Bank Guarantee

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[insert name and Address of Purchaser]*

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

**PERFORMANCE 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 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 supply 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] (\_\_\_\_\_) [insert 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 your demand or the sum specified therein.

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<sup>1</sup> *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.*

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.

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*[signature(s)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

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<sup>2</sup> *Insert the date twenty-eight days after the expected completion date as described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date 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 for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."*

## Advance Payment Security Demand Guarantee

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Insert name and Address of Purchaser]*

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

**ADVANCE PAYMENT 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 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]* () *[insert 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]* (\_\_\_\_\_) *[insert 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 either that the Applicant:

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<sup>1</sup> *The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.*

- (a) has used the advance payment for purposes other than toward delivery of Goods; or
- (b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office 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)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***