

STANDARD BIDDING DOCUMENTS

Procurement of Works

For Punjab Tourism for Economic Growth Project (PTEGP)

Re- Construction / Rehabilitation & Improvement of Roads in District
Chakwal & Sheikhupura Punjab

Summary Description

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)

This Section provides relevant information to help Bidders prepare their bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Bid Data Sheet (BDS)

This Section includes of provisions that are specific to each procurement and that supplement Section I, Instructions to Bidders.

Section III. Evaluation and Qualification Criteria

This Section includes the criteria to determine the lowest evaluated bid and the qualifications of the Bidder to perform the contract.

Section IV. Bidding Forms

This Section includes the forms which are to be completed by the Bidder and submitted as part of his Bid

Section V. Eligible Countries

This Section contains information regarding eligible countries.

Section VI. Bank Policy – Corrupt and Fraudulent Practices

This Section provides the Bidders with the reference to the Bank’s policy in regard to corrupt and fraudulent practices applicable to this process.

PART 2 – WORKS REQUIREMENTS

Section VII. Works Requirements

This Section contains the Specification, the Drawings, and supplementary information that describe the Works to be procured. The Works Requirements shall also include the environmental, social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), health and safety (ESHS) requirements to be satisfied by the Contractor in executing the Works.

PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS

Section VIII. General Conditions of Contract (GCC)

This Section contains the general clauses to be applied in all contracts.

Section IX. Particular Conditions of Contract (PCC)

This Section consists of Contract Data and Specific Provisions which contains clauses specific to each contract. The contents of this Section modify or supplement, but not over-write, the General Conditions and shall be prepared by the Employer.

Section X. Contract Forms

This Section contains the Letter of Acceptance, Contract Agreement and other relevant forms.

Attachment: Invitation for Bids

An “Invitation for Bids” form is provided at the end of the Bidding Documents for information.

P R O C U R E M E N T D O C U M E N T S

Procurement of Works

For Punjab Tourism for Economic Growth Project (PTEGP)

Re-Construction / Rehabilitation & Improvement of Roads in Punjab

NCB Reference No: Lot-1, PK-PTEG-331281-CW-RFB

NCB Reference No: Lot-2, PK-PTEG-330987-CW-RFB

NCB Reference No: Lot-3, PK-PTEG-331277-CW-RFB

Project: Punjab Tourism for Economic Project (PTEGP)

**Employer: Planning & Development Board –
Government of Punjab through Project Director -
PTEGP**

Country: Pakistan

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Standard Bidding Document

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PART 1 – Bidding Procedures

Section 1 - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

1. **Scope of Bid**
 - 1.1 In connection with the Invitation for Bids **specified in the Bid Data Sheet (BDS)**, the Employer, as **specified in the BDS**, issues these Bidding Documents for the procurement of the Works as specified in Section VII, Works Requirements. The name, identification, and number of lots (contracts) of this bidding are **specified in the BDS**.
 - 1.2 Throughout this Bidding Document:
 - (a) the term “in writing” means communicated in written form and delivered against receipt;
 - (b) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular;
 - (c) “day” means calendar day; and
 - (d) “ESHS” means environmental, social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), health and safety.
2. **Source of Funds**
 - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **specified in the BDS** has received or has applied for financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) for which these Bidding Documents are issued.
 - 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan (or other financing) account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by a 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).

3. Corrupt and Fraudulent Practices

3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.

3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (whether declared or not), sub-contractors, sub-consultants, service providers, or suppliers and any personnel thereof, to permit the Bank to inspect all accounts, records and other documents relating to any prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

4.1 A Bidder may be a firm that is a private entity, or a government-owned entity—subject to ITB 4.5—or any combination of them 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 Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. **Unless specified in the BDS**, there is no limit on the number of members in a JV.

4.2 A Bidder shall not have a conflict of interest. All Bidders 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:

(a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or

(b) receives or has received any direct or indirect subsidy from another Bidder; or

(c) has the same legal representative as another Bidder; or

(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 Employer regarding this bidding process; or

(e) Participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is

Involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or

- (f) 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
- (g) or any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower as Engineer for the Contract implementation;
- (h) 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;
- (i) 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 documents 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 procurement process and execution of the contract.

4.3 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.7. 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 sub-contractors or sub-consultants for any part of the Contract including related Services.

4.4 A Bidder that has been sanctioned by the Bank in accordance with the above ITB 3.1, including in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants ("Anti-Corruption Guidelines"), shall be ineligible to be prequalified for, bid 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**.

- 4.5 Bidders that are Government-owned enterprises or institutions in the Employer's Country may participate only if they can establish that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not dependent agencies of the Employer. To be eligible, a government-owned enterprise or institution shall establish to the Bank's satisfaction, through all relevant documents, including its Charter and other information the Bank may request, that it: (i) is a legal entity separate from the government (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to the government, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt; and (iv) is not bidding for a contract to be awarded by the department or agency of the government which under their applicable laws or regulations is the reporting or supervisory authority of the enterprise or has the ability to exercise influence or control over the enterprise or institution.
- 4.6 A Bidder shall not be under suspension from bidding by the Employer as the result of the operation of a Bid-Securing Declaration.
- 4.7 Firms and individuals may be ineligible if so indicated in Section V 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 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.
- 4.8 A Bidder shall provide such evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.

5. Eligible Materials, Equipment and Services

5.1 The materials, equipment and services to be supplied under the Contract and financed by the Bank may have their origin in any country subject to the restrictions specified in Section V, Eligible Countries, and all expenditures under the Contract will not contravene such restrictions. At the Employer's request, Bidders may be required to provide evidence of the origin of materials, equipment and services.

B. Contents of Bidding Document

6. Sections of Bidding Document

6.1 The Bidding Document consist of Parts 1, 2, and 3, which include all the Sections specified below, and which should be read in conjunction with any Addenda issued in accordance with ITB 8.

PART 1 Bidding Procedures

Section I - Instructions to Bidders (ITB)

Section II - Bid Data Sheet (BDS)

Section III - Evaluation and Qualification Criteria

Section IV - Bidding Forms

Section V - Eligible Countries

Section VI – Bank Policy-Corrupt and Fraudulent Practices

PART 2 Works Requirements

Section VII - Works Requirements

PART 3 Conditions of Contract and Contract Forms

Section VIII - General Conditions of Contract (GCC)

Section IX - Particular Conditions of Contract (PCC)

Section X - Contract Forms

6.2 The Invitation for Bids issued by the Employer is not part of the Bidding Document.

6.3 Unless obtained directly from the Employer, the Employer is not responsible for the completeness of the Bidding Documents, responses to requests for clarification, the minutes of the pre-Bid meeting (if any), or Addenda to the Bidding Documents in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Employer shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its bid all information and documentation as is required by the Bidding Documents.

7. Clarification of Bidding Document, Site Visit, Pre-Bid Meeting

- 7.1 A Bidder requiring any clarification of the Bidding Document shall contact the Employer in writing at the Employer's address **specified in the BDS** or raise its inquiries during the pre-bid meeting if provided for in accordance with ITB 7.4. The Employer will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of bids within a period **specified in the BDS**. The Employer shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. **If so specified in the BDS**, the Employer shall also promptly publish its response at the web page identified in the BDS. Should the clarification result in changes to the essential elements of the Bidding Documents, the Employer shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.
- 7.2 The Bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.
- 7.3 The Bidder and any of its personnel or agents will be granted permission by the Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the Bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
- 7.4 **If so specified in the BDS**, the Bidder's designated representative is invited to attend a pre-bid meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 7.5 The Bidder is requested, to submit any questions in writing, to reach the Employer not later than one week before the meeting.
- 7.6 Minutes of the pre-bid meeting, if applicable, including the text of the questions asked by Bidders, without identifying the source, and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3. Any modification to the Bidding Documents that may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an addendum pursuant

to ITB 8 and not through the minutes of the pre-bid meeting. Nonattendance at the pre-bid meeting will not be a cause for disqualification of a Bidder.

8. Amendment of Bidding Document

- 8.1 At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Documents by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Document from the Employer in accordance with ITB 6.3. The Employer shall also promptly publish the addendum on the Employer's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2.

C. Preparation of Bids

9. Cost of Bidding

- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

10. Language of Bid

- 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in the language **specified in the BDS**. 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 in the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.

11. Documents Comprising the Bid

- 11.1 The Bid shall comprise the following:
- (a) Letter of Bid in accordance with ITB 12;
 - (b) completed Schedules, in accordance with ITB 12 and 14: **as specified in the BDS**;
 - (c) Bid Security or Bid Securing Declaration, in accordance with ITB 19.1;
 - (d) alternative bids, if permissible, in accordance with ITB 13;

- (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
- (f) documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;
- (g) Technical Proposal in accordance with ITB 16;
- (h) Any other document **required in the BDS**.

- 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.
- 11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

12. Letter of Bid and Schedules

- 12.1 The Letter of Bid and 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 20.2. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

- 13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered.
- 13.2 When alternative times for completion are explicitly invited, a statement to that effect will be **included in the BDS**, as will the method of evaluating different times for completion.
- 13.3 Except as provided under ITB 13.4 below, Bidders wishing to offer technical alternatives to the requirements of the Bidding Document must first price the Employer's design as described in the Bidding Document and shall further provide all information necessary for a complete evaluation of the alternative by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the lowest evaluated Bidder conforming to the basic technical requirements shall be considered by the Employer.
- 13.4 When **specified in the BDS**, Bidders are permitted to submit alternative technical solutions for specified parts of the Works.

Such parts will be **identified in the BDS** and described in Section VII. Works Requirements. The method for their evaluation will be stipulated in Section III. Evaluation and Qualification Criteria.

14. Bid Prices and Discounts

- 14.1 The prices and discounts (including any price reduction) quoted by the Bidder in the Letter of Bid and in the Schedules shall conform to the requirements specified below.
- 14.2 The Bidder shall submit a bid for the whole of the works described in ITB 1.1 by filling in prices for all items of the Works, as identified in Section IV. Bidding Forms. In case of admeasurement contracts, the Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities.
- 14.3 The price to be quoted in the Letter of Bid, in accordance with ITB 12.1, shall be the total price of the bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any discounts and the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.
- 14.5 **Unless otherwise provided in the BDS** and the Conditions of Contract, the prices quoted by the Bidder shall be fixed. If the prices quoted by the Bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract, the Bidder shall furnish the indices and weightings for the price adjustment formulae in the Schedule of Adjustment Data in Section IV- Bidding Forms and the Employer may require the Bidder to justify its proposed indices and weightings.
- 14.6 If so specified in ITB 1.1, bids are invited for individual lots (contracts) or for any combination of lots (packages). 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.
- 14.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 days prior to

The deadline for submission of bids, shall be included in the rates and prices¹ and the total bid price submitted by the Bidder.

- 15. Currencies of Bid and Payment**
- 15.1 The currency(ies) of the bid and the currency(ies) of payments shall be as **specified in the BDS**.
- 15.2 Bidders may be required by the Employer to justify, to the Employer’s satisfaction, their local and foreign currency requirements, and to substantiate that the amounts included in the unit rates and prices and shown in the Schedule of Adjustment Data are reasonable², in which case a detailed breakdown of the foreign currency requirements shall be provided by Bidders.
- 16. Documents Comprising the Technical Proposal**
- 16.1 The Bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders’ proposal to meet the work requirements and the completion time.
- 17. Documents Establishing the Qualifications of the Bidder**
- 17.1 In accordance with Section III, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract, the Bidder shall provide the information requested in the corresponding information sheets included in Section IV, Bidding Forms.
- 17.2 If a margin of preference applies as specified in accordance with ITB 33.1, domestic Bidders, individually or in joint ventures, applying for eligibility for domestic preference shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITB 33.1.
- 18. Period of Validity of Bids**
- 18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Employer in accordance with ITB 22.1. A bid valid for a shorter period shall be Rejected by the Employer as nonresponsive.

¹ In lump sum contracts, delete “rates and prices and the.”

² For lump sum contracts, delete “unit rates and prices and shown in the Schedule of Adjustment Data are reasonable” and replace with “Lump Sum.”

18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Employer may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a bid security is requested in accordance with ITB 19, it shall also be extended for twenty-eight (28) days beyond the deadline of the extended validity 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.

18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:

- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS**.
- (b) In the case of adjustable price contracts, no adjustment shall be made.
- (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

19.1 The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security **as specified in the BDS**, in original form and, in the case of a bid security, in the amount and currency **specified in the BDS**.

19.2 A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.

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:

- (a) an unconditional guarantee issued by a bank or financial institution (such as an insurance, bonding or surety company);
- (b) an irrevocable letter of credit;
- (c) a cashier's or certified check; or
- (d) Another security **specified in the BDS**.

From a reputable source from an eligible country. If the unconditional guarantee is issued by a financial institution located outside the Employer's Country, the issuing financial institution shall have a correspondent financial institution located in the Employer's Country to make it enforceable. 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 Employer prior to bid submission. The bid security shall be valid for twenty-eight (28) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.

19.4 If a bid security or Bid Securing Declaration is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive bid security or Bid-Securing Declaration shall be rejected by the Employer as non-responsive.

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 and if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security pursuant to ITB 42.

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 and if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security.

19.7 The bid security may be forfeited or the Bid Securing Declaration executed:

(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid, , or any extension thereto provided by the Bidder; or

(b) if the successful Bidder fails to:

(i) sign the Contract in accordance with ITB 41; or

(ii) Furnish a performance security and if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security in accordance with ITB 42.

19.8 The bid security or the Bid Securing Declaration of a JV shall be in the name of the JV that submits the bid. If the JV has not been constituted into a legally-enforceable JV, at the time of bidding, the Bid Security or the Bid Securing Declaration shall be in the names of all future members as named in the letter of intent mentioned in ITB 4.1 and ITB 11.2.

19.9 If a bid security is **not required in the BDS**, and

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid, or
- (b) if the successful Bidder fails to: sign the Contract in accordance with ITB 41; or furnish a performance security and if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security in accordance with ITB 42;

the Borrower may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a contract by the Employer for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it “ORIGINAL”. Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked “ALTERNATIVE”. In addition, the Bidder shall submit copies of the bid in the number **specified in the BDS**, and clearly mark each of them “COPY.” In the event of any discrepancy between the original and the copies, the original shall prevail.

20.2 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 in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person signing the bid.

20.3 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.

20.4 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

21. Sealing and Marking of Bids

21.1 The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as “ORIGINAL”, “ALTERNATIVE” and “COPY.” These envelopes

Containing the original and the copies shall then be enclosed in one single envelope.

21.2 The inner and outer envelopes shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Employer as **provided in the BDS** pursuant to ITB 22.1;
- (c) bear the specific identification of this bidding process specified in accordance with BDS 1.1; and
- (d) Bear a warning not to open before the time and date for bid opening.

21.3 If all envelopes are not sealed and marked as required, the Employer will assume no responsibility for the misplacement or premature opening of the bid.

22. Deadline for Submission of Bids

22.1 Bids must be received by the Employer at the address and no later than the date and time **specified in the BDS**. When so **specified in the BDS**, bidders shall have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures **specified in the BDS**.

22.2 The Employer 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 Employer and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

23.1 The Employer shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any bid received by the Employer after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal, Substitution, and Modification of Bids

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 in accordance with ITB 20.2, (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:

- (a) prepared and submitted in accordance with ITB 20 and ITB 21 (except that withdrawal notices do not require copies), and in

addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” “MODIFICATION;” and

(b) Received by the Employer prior to the deadline prescribed for submission of bids, in accordance with ITB 22.

24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

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.

25. Bid Opening

25.1 Except in the cases specified in ITB 23 and 24, the Employer shall publicly open and read out in accordance with ITB 25.3 all bids received by the deadline, at the date, time and place **specified in the BDS**, in the presence of Bidders` designated representatives and anyone who choose to attend. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be **as specified in the BDS**.

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. 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. 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. 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. Only envelopes that are opened and read out at bid opening shall be considered further.

25.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Price, per lot (contract) if applicable, including any discounts and alternative bids; the presence or absence of a bid security, or Bid Securing Declaration, if required; and any other details as the Employer may consider appropriate. Only discounts and alternative bids read out at bid opening shall be considered for evaluation. The Letter of Bid and the Bill of Quantities are to be

Initialed by representatives of the Employer attending bid opening in the manner **specified in the BDS**. The Employer shall neither discuss the merits of any bid nor reject any bid (except for late bids, in accordance with ITB 23.1).

25.4 The Employer shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot (contract) if applicable, including any discounts and alternative bids; and the presence or absence of a bid security, if one was required. 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.

E. Evaluation and Comparison of Bids

26. Confidentiality

26.1 Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the bidding process until information on Contract award is communicated to all Bidders in accordance with ITB 40.

26.2 Any attempt by a Bidder to influence the Employer in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.

26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract award, if a Bidder wishes to contact the Employer on any matter related to the bidding process, it shall do so in writing.

27. Clarification of Bids

27.1 To assist in the examination, evaluation, and comparison of the bids, and qualification of the Bidders, the Employer may, at its discretion, ask any Bidder for a clarification of its bid given a reasonable time for a response. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The Employer'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 Employer in the evaluation of the bids, in accordance with ITB 31.

27.2 If a Bidder does not provide clarifications of its bid by the date and time set in the Employer's request for clarification, its bid may be rejected.

**28. Deviations,
Reservations,
and Omissions**

28.1 During the evaluation of bids, the following definitions apply:

- (a) “Deviation” is a departure from the requirements specified in the Bidding Document;
- (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
- (c) “Omission” is the failure to submit part or all of the information or documentation required in the Bidding Document.

**29. Determination of
Responsiveness**

29.1 The Employer’s determination of a bid’s responsiveness is to be based on the contents of the bid itself, as defined in ITB11.

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,

- (a) if accepted, would:
 - (i) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the Bidding Document, the Employer’s rights or the Bidder’s obligations under the proposed Contract; or
- (b) If rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

29.3 The Employer shall examine the technical aspects of the bid submitted in accordance with ITB 16, Technical Proposal, in particular, to confirm that all requirements of Section VII (Works Requirements) have been met without any material deviation, reservation or omission.

29.4 If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

**30. Nonconformities,
Errors, and
Omissions**

30.1 Provided that a bid is substantially responsive, the Employer may waive any nonconformities in the bid.

30.2 Provided that a bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or

documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the bid related to documentation requirements. Requesting information or documentation on such nonconformities 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.

30.3 Provided that a bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price may be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component. The adjustment shall be made using the methods specified in Section III (Evaluation and Qualification Criteria).

**31. Correction of
Arithmetical
Errors**

31.1 Provided that the bid is substantially responsive, the Employer shall correct arithmetical errors on the following basis:

- (a) only for admeasurement contracts, if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (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
- (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.

31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.

**32. Conversion to
Single Currency**

32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted into a single currency as **specified in the BDS**.

**33. Margin of
Preference**

33.1 **Unless otherwise specified in the BDS**, a margin of preference for domestic bidders³ shall not apply.

³ An individual firm is considered a domestic bidder for purposes of the margin of preference if it is registered in the country of the Employer, has more than 50 percent ownership by nationals of the country

34. Subcontractors

- 34.1 Unless otherwise stated in the BDS, the Employer does not intend to execute any specific elements of the Works by sub-contractors selected in advance by the Employer.
- 34.2 The Employer may permit subcontracting for certain specialized works as indicated in Section III. When subcontracting is permitted by the Employer, the specialized sub-contractor's experience shall be considered for evaluation. Section III describes the qualification criteria for sub-contractors.
- 34.3** Bidders may propose subcontracting up to the percentage of total value of contracts or the volume of works as **specified in the BDS**.

35. Evaluation of Bids

- 35.1 The Employer shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.
- 35.2 To evaluate a bid, the Employer shall consider the following:
- (a) the bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities⁴ for admeasurement contracts, but including Daywork⁵ items, where priced competitively;
 - (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
 - (c) price adjustment due to discounts offered in accordance with ITB 14.4;
 - (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
 - (e) price adjustment for nonconformities in accordance with ITB 30.3;

of the Employer, and if it does not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign contractors. JVs are considered as domestic bidders and eligible for domestic preference only if the individual member firms are registered in the country of the Employer or have more than 50 percent ownership by nationals of the country of the Employer, and the JV shall be registered in the country of the Borrower. The JV shall not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign firms. JVs between foreign and national firms will not be eligible for domestic preference.

⁴ In lump sum contracts, delete "Bill of Quantities" and replace with "Activity Schedule."

⁵ Day work is work carried out following instructions of the Project Director and paid for on the basis of time spent by workers, and the use of materials and the Contractor's equipment, at the rates quoted in the Bid. For Day work to be priced competitively for Bid evaluation purposes, the Employer must list tentative quantities for individual items to be costed against Day work (e.g., a specific number of tractor driver staff- days, or a specific tonnage of Portland cement), to be multiplied by the bidders' quoted rates and included in the total Bid price.

(f) the additional evaluation factors are specified in Section III (Evaluation and Qualification Criteria);

35.3 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.

35.4 If this Bidding Document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the contract combinations, including any discounts offered in the Letter of Bid, is specified in Section III. Evaluation and Qualification Criteria.

35.5 If the bid for an admeasurement contract, which results in the lowest Evaluated Bid Price, is seriously unbalanced or, front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

36. Comparison of Bids

36.1 The Employer shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 35.2 to determine the lowest evaluated bid.

37. Qualification of the Bidder

37.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria specified in Section III. Evaluation and Qualification Criteria.

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 17.1.

37.3 An affirmative determination of qualification 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 Employer shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.

38. Employer's Right to Accept Any Bid, and to Reject Any or All Bids

38.1 The Employer 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.

F. Award of Contract

39. Award Criteria

39.1 Subject to ITB 37.1, the Employer shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

40. Notification of Award

40.1 Prior to the expiration of the period of bid validity, the Employer shall notify the successful Bidder, in writing, via the Letter of Acceptance included in the Contract Forms, that its bid has been accepted. At the same time, the Employer shall also notify all other Bidders of the results of the bidding, and shall publish in UNDB online the results identifying the bid and lot (contract) numbers and the following information:

- (i) name of each Bidder who submitted a Bid;
- (ii) bid prices as read out at Bid Opening;
- (iii) name and evaluated prices of each Bid that was evaluated;
- (iv) name of bidders whose bids were rejected and the reasons for their rejection; and
- (v) Name of the winning Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded.

40.2 Until a formal contract is prepared and executed, the notification of award shall constitute a binding Contract.

40.3 The Employer shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.

41. Signing of Contract

- 41.1 Promptly upon notification, the Employer shall send the successful Bidder the Contract Agreement.
- 41.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Employer.

42. Performance Security

- 42.1 Within twenty-eight (28) days of the receipt of notification of award from the Employer, the successful Bidder shall furnish the performance security and, if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security in accordance with the conditions of contract, subject to ITB 35.5, using for that purpose the Performance Security and ESHS Performance Security Forms included in Section X. Contract Forms, or another form acceptable to the Employer. 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 Employer. A foreign institution providing a bond shall have a correspondent financial institution located in the Employer's Country.
- 42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security and, if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security, or to sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security. In that event the Employer may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Employer to be qualified to perform the Contract satisfactorily.

43. Adjudicator

- 43.1 The Employer proposes the person **named in the BDS** to be appointed as Adjudicator under the Contract, at the hourly fee **specified in the BDS**, plus reimbursable expenses. If the Bidder disagrees with this proposal, the Bidder should so state in his Bid. If, in the Letter of Acceptance, the Employer does not agree on the appointment of the Adjudicator, the Employer will request the Appointing Authority designated in the Particular Conditions of Contract (PCC) pursuant to Clause 23.1 of the General Conditions of Contract (GCC), to appoint the Adjudicator.

Section II - Bid Data Sheet (BDS)

A. Introduction

ITB 1.1	<p>The number of the Invitation for Bids against each lot are: RFB Reference No: Lot-1, PK-PTEG-331281-CW-RFB RFB Reference No: Lot-2, PK-PTEG-330987-CW-RFB RFB Reference No: Lot-3, PK-PTEG-331277-CW-RFB</p> <p>The Employer is: Punjab Tourism For Economic Growth Project (PTEGP) through the Project Director – PTEGP</p>
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ITB 1.1	<p>The name of the bidding process is: Re- Construction / Rehabilitation &Improvement of Roads in Punjab</p> <p>The identification number of the bidding process is: The number and identification of lots comprising this bidding process is:</p> <table border="1" data-bbox="354 401 1252 1318"> <thead> <tr> <th data-bbox="354 401 461 474">Lot</th> <th data-bbox="466 401 789 474">Name of Project - Title</th> <th data-bbox="794 401 980 474">Length KM</th> <th data-bbox="985 401 1252 474">District</th> </tr> </thead> <tbody> <tr> <td data-bbox="354 480 461 720">1.</td> <td data-bbox="466 480 789 720">Rehabilitation / Improvement of road from Kallar Kahar to Manara District Boundary Chakwal Length = 28.00 Km District Chakwal.</td> <td data-bbox="794 480 980 720">28.0</td> <td data-bbox="985 480 1252 720">Chakwal</td> </tr> <tr> <td data-bbox="354 726 461 999">2.</td> <td data-bbox="466 726 789 999">Rehabilitation / Improvement of Metalled Road from Lahore-Sheikhupura-Sargodha road to Gurdwara Sucha Soda length = 1.00 km in district Sheikhupura.</td> <td data-bbox="794 726 980 999">1.0</td> <td data-bbox="985 726 1252 999">Sheikhupura</td> </tr> <tr> <td data-bbox="354 1005 461 1318">3.</td> <td data-bbox="466 1005 789 1318">Rehabilitation/ Improvement of Metalled Road from Lahore -Sheikhupura-Sargodha Road to Mariumabad Length 4.10 km (right side of canal) in District Sheikhupura.</td> <td data-bbox="794 1005 980 1318">4.10</td> <td data-bbox="985 1005 1252 1318">Sheikhupura</td> </tr> </tbody> </table>	Lot	Name of Project - Title	Length KM	District	1.	Rehabilitation / Improvement of road from Kallar Kahar to Manara District Boundary Chakwal Length = 28.00 Km District Chakwal.	28.0	Chakwal	2.	Rehabilitation / Improvement of Metalled Road from Lahore-Sheikhupura-Sargodha road to Gurdwara Sucha Soda length = 1.00 km in district Sheikhupura.	1.0	Sheikhupura	3.	Rehabilitation/ Improvement of Metalled Road from Lahore -Sheikhupura-Sargodha Road to Mariumabad Length 4.10 km (right side of canal) in District Sheikhupura.	4.10	Sheikhupura
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ITB 2.1	The Borrower is: P&D Board – Government of Punjab, Islamic Republic of Pakistan																

ITB 2.1	The name of the Project is: Punjab Tourism For Economic Growth Project (PTEGP)
ITB 2.1	Loan or Financing Agreement amount: \$ 50 Million The Grant number is IDA-59820
ITB 4.1	Maximum number of members in the JV shall be: Two (02)
ITB 4.4	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .

B. Bidding Documents

ITB 7.1	For <u>clarification purposes</u> only, the Employer's address is: Attention: Project Director Street Address: 175-A Upper Mall Scheme Lahore City: Lahore ZIP Code: 53000 Country: Pakistan Telephone: : +92 42-99332607-8 Facsimile number: NA Electronic mail address: pmuptegp@gmail.com Requests for clarification should be received by the Employer no later than: March 15, 2023
ITB 7.1	Web page: https://ptegp.punjab.gov.pk/
ITB 7.4	A Pre-Bid meeting " shall " take place at the following date, time and place: Date: March 15 , 2023 Time: 12:00 pm Place: Conference Room of PTEGP, please register to attend the pre-bid meeting at pmuptegp@gmail.com A site visit conducted by the Employer " shall not be " organized.

C. Preparation of Bids

ITB 10.1	The language of the bid is: English
ITB 11.1 (b)	The following schedules shall be submitted with the bid: Bill of Quantities
ITB 11.1 (h)	<p>The Bidder shall submit the following additional documents in its Bid: Code of Conduct (ESHS)</p> <p>The Bidder shall submit its Code of Conduct that will apply to its employees and subcontractors, to ensure compliance with its Environmental, Social, Health and Safety (ESHS) obligations under the contract. <i>[Note: Complete and include the risks to be addressed by the Code in accordance with Section VII-Works' Requirements, e.g. Risks associated with: labor influx, spread of communicable diseases, sexual harassment, gender based violence, sexual exploitation and abuse, illicit behavior and crime, and maintaining a safe environment etc.]</i></p> <p>In addition, the Bidder shall detail how this Code of Conduct will be implemented. This will include: how it will be introduced into conditions of employment/engagement, what training will be provided, how it will be monitored and how the Contractor proposes to deal with any breaches.</p> <p>The Contractor shall be required to implement the agreed Code of Conduct upon contract award.</p>
ITB 13.1	Alternative bids <i>"shall not be"</i> permitted.
ITB 13.2	Alternative times for completion <i>"shall not be"</i> permitted.
ITB 13.4	Alternative technical solutions shall not be permitted.
ITB 14.5	The prices quoted by the Bidder <i>"shall not be"</i> subject to adjustment during the performance of the Contract.
ITB 15.1	The prices shall be quoted by the bidder in: <i>PKR Only</i>
ITB 18.1	The bid validity period shall be: 120 days <i>as of the deadline for bid submission.</i>
ITB 18.3 (a)	The bid price shall not be the matter of adjustment.
ITB 19.1	<p><i>Bid Security</i></p> <p>A Bid Security against each lot in the shape of CDR/Pay Order/Unconditional Bank Guarantee issued by a Scheduled Bank is given as under;</p> <p><i>Lot - 1 =PKR 36.0 Million.</i></p> <p><i>Lot -2 = 4.5 Million.</i></p> <p><i>Lot -3 = 4.5 Million.</i></p>

ITB 19.3 (d)	Other types of acceptable securities: None other than mentioned in ITB
ITB 20.1	In addition to the original of the bid, the number of copies is: One (01) Hard copy and one soft copy having data in USB.
ITB 20.2	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 “Power of attorney of signatory of Bid” 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.

D. Submission and Opening of Bids

ITB 22.1	Bidders “shall” have the option of submitting their bids electronically.
ITB 22.1	For <u>bid submission purposes</u> only, the Employer’s address is: Attention: Project Director Street Address: 175-A Upper Mall Scheme City: Lahore Country: Pakistan Telephone: : +92 42-9933607-8 The deadline for bid submission is: Date: March 27, 2023 Time: On or before 02:00 pm
ITB 25.1	The bid opening shall take place at: Conference Room of PTEGP Street Address: 175-A Upper Mall Scheme City: Lahore Country: Pakistan Date: March 27, 2023. Time: 2:30 pm

E. Evaluation and Comparison of Bids

ITB 32.1	Not applicable.
ITB 33.1	A margin of preference " <i>shall not</i> " apply.
ITB 34.3	<p>Contractor's proposed subcontracting: Maximum percentage of subcontracting permitted is: <i>10% of the total contract amount</i> a) Bidders planning to subcontract more than 10% of the total contract amount shall specify, in the Letter of Bid, the activity (ies) or parts of the works to be subcontracted along with complete details of the sub-contractors and their qualification and experience. The qualification and experience of the sub- contractors must meet the minimum criteria for the relevant work to be sub- contracted failing which such sub-contractors will not be permitted to participate.</p> <p>b) Sub-contractors' qualification and experience will not be considered for evaluation of the Bidder. The Bidder on its own (without taking into account the qualification and experience of the sub-contractor) should meet the qualification criteria.</p>

F. Award of Contract

ITB 42.1 and 42.2	<p>Successful bidder shall submit 5% of the contract amount as performance security/ in the shape of Bank Guarantee only from any Scheduled Bank as per format of Performance Security Forms included in Section X.</p> <p>The successful Bidder shall not be required to submit an Environmental, Social, Health and Safety (ESHS) Performance Security.</p>
ITB 43.1	The Adjudicator proposed by the Employer will be decided by Registrar Pakistan Engineering Council Lahore Office. The hourly fee for this proposed Adjudicator shall be decided mutually by the Employer and the successful bidder at the time of signing of contract.

Section III - Evaluation and Qualification Criteria

NOTE:

This section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders if the bidding was not preceded by a prequalification exercise and post qualification is applied. In accordance with ITB 35 and ITB 37, no other methods, criteria and factors shall be used. The Bidder shall provide all the information requested in the forms included in Section 4 (Bidding Forms).

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1. Margin of Preference (Not Applicable)

2. Evaluation

In addition to the criteria listed in ITB 35.2 (a) – (e) the following criteria shall apply:

2.1 Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section VII (Works Requirements).

2.2 Multiple Contracts

Pursuant to Sub-Clause 35.4 of the Instructions to Bidders, if Works are grouped in multiple contracts, evaluation will be as follows:

Award Criteria for Multiple Contracts [ITB 35.4]:

Packages

Bidders have the option to Bid for any one or more packages. Bids will be evaluated lot-wise, taking into account discounts offered, if any, for combined lots and. The contract(s) will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer for combined lots, subject to the selected Bidder(s) meeting the required qualification criteria for combination of lots as the case may be.

Qualification Criteria for Multiple Contracts:

Section III describes criteria for qualification for each package (contract) for multiple packages (contracts). The criteria for qualification is aggregate minimum requirement for respective package as specified under items 3.1, 3.2, 4.2(a) and 4.2(b). However, with respect to the specific experience under item 4.2 (a) of Section III, the Employer will select any one or more of the options as identified below:

N is the minimum number of contracts

V is the minimum value of a single contract

(a) For multiple Contracts

Lot-1: N1 contracts, each of minimum value Lot -2 : N2
contracts, each of minimum value Lot -3 : N3 contracts, each
of minimum value

2.3 Alternative Completion Times

Not permitted

2.4 Technical Alternatives

Not permitted

2.5 Specialized Subcontractors

Only the specific experience of sub-contractors for specialized works permitted by the Employer will be considered. The general experience and financial resources of the specialized sub-contractors shall not be added to those of the Bidder for purposes of qualification of the Bidder.

The specialized sub-contractors proposed shall be fully qualified for their work proposed, and meet the following criteria:

3. Qualification

Eligibility and Qualification Criteria		Compliance Requirements					Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.2	Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.3	Bank Eligibility	Not having been declared ineligible by the Bank, as described in ITB 4.4, 4.5, 4.6 and 4.7	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.4	Government Owned Entity of the Borrower country	Meets conditions of ITB 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.5	United Nations resolution or Borrower’s country law	Not having been excluded as a result of prohibition in the Borrower’s country laws or official regulations against commercial relations with the Bidder’s country, or by an act of compliance with UN Security Council resolution, both in accordance with ITB 4.7 and Section V.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
2. Historical Contract Non-Performance							
2.1	History of Non-Performing Contracts	Non-performance of a contract ⁶ did not occur as a result of contractor default since 1 st January 2019	Must meet requirement ¹²	Must meet requirements	Must meet requirement ⁷	N/A	Form CON-2
2.2	Suspension Based on Execution of Bid Securing Declaration by the Employer or withdrawal of the Bid within Bid validity	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.6 or With drawl of the Bid pursuant ITB 19.9.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
2.3	Pending Litigation	Bidder’s financial position and prospective long term profitability sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Bidder	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2

⁶ Non performance, as decided by the Employer, shall include all contracts where (a) non performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

⁷ This requirement also applies to contracts executed by the Bidder as JV member.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
2.4	Litigation History	No consistent history of court/arbitral award decisions against the Bidder ⁸ since 1 st January 2019	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON – 2
2.5	Declaration: Environmental, Social, Health, and Safety (ESHS) past performance	Declare any civil work contracts that have been suspended or terminated and/or performance security called by an employer for reasons related to the non-compliance of any environmental, or social, (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), or health or safety requirements or safeguard in the past five years ⁹ .	Must make the declaration. Where there is Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	N/A	Each must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	N/A	Form CON-3 ESHS Performance Declaration

⁸ The Bidder shall provide accurate information on the letter of Bid about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of court/arbitral awards against the Bidder or any member of a joint venture may result in disqualifying the Bidder.

⁹ The Employer may use this information to seek further information or clarifications in carrying out its due diligence

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
3. Financial Situation and Performance							
3.1	Financial Capabilities	(i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as PKR 350 Million for lot -1 & PKR 200 Million for the lot -2 & lot -3 net of the Bidders (ii) The Bidders shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments. (iii) The audited balance sheets or, if	Must meet requirement	Must meet Requirement	N/A	N/A	Form FIN – 3.1, with attachments
			Must meet requirement	Must meet requirement	N/A	N/A	

Section III - Evaluation and Qualification Criteria

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the last five years shall be submitted and must demonstrate the current soundness of the Bidder's financial position and indicate its prospective long-term profitability.	Must meet requirement	N/A	Must meet requirement	N/A	
3.2	Average Annual Construction Turnover	Minimum average annual construction turnover of PKR 650 Million for lot-1 & PKR300 Million for lot -2 & lot -3, calculated as total certified payments received for contracts in progress and/or completed within the last five years, divided by 5 years for each lot.	Must meet requirement	Must meet requirement	Must meet _____%, _____of the requirement. Must fulfill the prescribed criteria jointly for each lot regardless of %age.	Must meet _____%, _____of the requirement	Form FIN – 3.2

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
4. Experience							
4.1 (a)	General Construction Experience	Experience under construction contracts in the role of prime contractor, JV member, sub-contractor, or management contractor for at least the last Five years, starting 1 st January 2018.	Must meet requirement	N/A	Must meet requirement	N/A	Form EXP – 4.1
4.2 (a)	Specific Construction & Contract Management Experience	(i) A minimum number of similar ¹⁰ contracts specified below that have been satisfactorily and substantially ¹¹ completed as a prime contractor, joint venture member ¹² , management contractor or sub-contractor ¹² between	Must meet requirement	Must meet requirement ¹³	N/A	N/A	Form EXP 4.2(a)

¹⁰ The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VII, Work’s Requirements. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

¹¹ Substantial completion shall be based on 80% or more works completed under the contract.

¹² For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder’s share, by value, shall be considered to meet this requirement.

¹³ In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		1st January 2018 and application submission deadline: (i) 5 contracts, each of minimum value PKR. 150 million for each lot.					
4.2 (b)		For the above and any other contracts completed and under implementation as prime contractor, joint venture member, management contractor or sub-	Must meet requirements	Must meet requirements	N/A	Must meet the following requirements for the key activities listed below ¹⁷ <i>[list key activities and the corresponding</i>	Form EXP – 4.2 (b)

¹⁷ Requirement can be met through a Specialized Sub-contractor

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
		contractor ¹⁴ on or after the first day of the calendar year during the period stipulated in 4.2 (a) above, a minimum construction experience in the following key activities successfully completed ¹⁵ : List activities: i. Road construction. ii. Rod Structure work.) in case of prime contractor and for each member of a JV.				<i>minimum requirements]</i>	

¹⁴ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder’s share shall be counted to meet this requirement.

¹⁵ Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

¹⁶ The minimum experience requirement for multiple contracts will be the sum of the minimum requirements for respective individual contracts.

5 Key Personnel

The Bidder must demonstrate that it will have a suitably qualified (and in adequate numbers) minimum Key Personnel, as described in the table below, that are required to perform the Contract.

The Bidder shall provide details of the Key Personnel and such other Key Personnel that the Bidder considers appropriate, together with their academic qualifications and work experience. The Bidder shall complete the relevant Forms in Section IV, Bidding Forms.

The Contractor shall require the Employer's consent to substitute or replace the Key Personnel (reference the Particular Conditions of Contract 9.1).

Key Personnel

Item No.	Position/specialization	Relevant academic qualifications	Minimum years of relevant work experience
1	Project Manager	Civil Engineer	10
2	Construction Manager (for Highways & Structure)	Civil Engineer	5
Suitable experts in the following specializations			
3	Health, Safety Manager	Bachelor degree in relevant environmental field	2
4	Quality Manager	Bachelor degree in relevant environmental field	2
5	Environment Manager	Bachelor degree in relevant environmental field	2
6	Surveyor (Non-key)	DAE(civil)/Diploma in Surveyor	5
7	Lab. Tech (Non-Key)	Matric/Diploma in Material Testing	4

*** Note: If the Bidder may want to submit bids for more than one lot. He will present on dedicated team of key personnel as mentioned above for each lot separately.**

6. Equipment

The Bidder must demonstrate that it will have access to the key Contractor's equipment listed hereafter:

No.	Equipment Type and Characteristics	Minimum Number required
1	Vibrator	3
2	Compactor	2
3	Shuttering	2000 S.Ft.
4	Loaders	1
5	Dumpers (800 C.Ft. capacity)	7
6	Mixer Machine (3 C.Ft capacity)	3
7	Total Station	1
8	Tractor trolley	4
9	Generator	2
10	Leveling machine with staff rods	3
11	Asphalt Plant (80 Ton Capacity)	1
12	Vibratory Roller	2
13	Static Roller	2
14	Water Bowser	4
15	Tandem Roller	2
16	Pneumatic Roller	3
17	Bitumen Distributor	1
18	Excavator	1
19	Broomer	1
20	Grader	2

The Bidder shall provide further details of proposed items of equipment using the relevant Form in Section IV.

Section IV - Bidding Forms

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Letter of Bid

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

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

NCB No.: *[insert number of bidding process]*

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

To: *[insert complete name of Employer]*

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB 8)_____;
- (b) We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) We have not been suspended nor declared ineligible by the Employer based on execution of a Bid Securing Declaration in the Employer's country in accordance with ITB 4.6
- (d) We offer to execute in conformity with the Bidding Documents the following Works: **[insert a brief description of the Works]**;
- (e) The total price of our Bid, excluding any discounts offered in item (f) below is:

In case of only one lot, total price of the Bid **[insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies]**;

In case of multiple lots, total price of each lot [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, 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];

- (f) 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];
- (g) Our bid shall be valid for a period of *[specify the number of calendar days]* days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

- (h) If our bid is accepted, we commit to obtain a performance security [*and an Environmental, Social, Health and Safety (ESHS) Performance Security, Delete if not applicable*] in accordance with the Bidding Documents;
- (i) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13;
- (j) 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 a member of 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 Employer’s country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB 4.5;¹⁸
- (l) 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.”)

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption

Name of the Bidder* ***[insert complete name of person signing the Bid]***

¹⁸ Bidder to use as appropriate

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 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 to be attached with the Bid Schedules.

Schedules

Bill of Quantities

The name of the bidding process is: Re-Construction / Rehabilitation & Improvement of Roads in Punjab

Objectives

The objectives of the Bill of Quantities are:

- (a) *to provide sufficient information on the quantities of Works to be performed to enable bids to be prepared efficiently and accurately; and*
- (b) *When a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.*

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and contents of the Bill of Quantities should be as simple and brief as possible.

Day work Schedule

A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Employer of the realism of rates quoted by the bidders, the Day work Schedule should normally comprise the following:

- (a) *A list of the various classes of labor, materials, and Constructional Plant for which basic day work rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor shall be paid for work executed on a day work basis.*
- (b) *Nominal quantities for each item of day work, to be priced by each Bidder at day work rates as Bid. The rate to be entered by the Bidder against each basic day work item should include the Contractor's profit, overheads, supervision, and other charges.*

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary priced Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the Special Conditions of Contract

Should state the manner in which they shall be used, and under whose authority (usually the Project Director's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Employer to select such specialized contractors. To provide an element of competition among the bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing a Bill of Quantities are intended only as information for the Employer or the person drafting the Bidding Documents. They should not be included in the final documents.

Bill of Quantities

Lot-1

BILL OF QUANTITIES							
REHABILITATION / IMPROVEMENT OF ROAD FROM KALLAR KAHAR TO MANARA DISTRICT BOUNDARY CHAKWAL L=28.00 KM DISTRICT CHAKWAL.							
Sr. No	No of Specificati on clause	Description of item	Qty in Unit	Unit of Measurement	Tendered Unit Rate (to be filled by the tenderer)		
					In Figures	In word	Amount
1	2	3	4	5	6	7	8
A- Road Work							
1	411-11.1	Earthwork in ordinary soil for embankments lead upto 1/4 mile, including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respects: 95% to 100% maximum modified AASHTO dry density	2423.678	%Cft			
2	-	Excavation in medium hard rock dressed to designed section, grades and profiles, excavated material disposed off 100 ft (30m) (a). Medium Hard Rock, requiring occasional blasting).	288.338	%Cft			
3	-	Excavation in soft rock dressed to designed section, grades and profiles, excavated material disposed off 100 ft (30m) (b). Soft rock, slate, shale schist laterite work with pick and crow bar complete).	675.630	%Cft			
4	411-11.1	Compaction of earth work with power Road Roller compaction 95% to 100% maximum AASHTO dry density complete.	2203.074	%Cft			
5	-	Dismantling and removing Road metalling.	1147.34	%Cft			
6	-	Scarifying of old road surface i/c removal of debris complete.	3772.00	%Sft			
7	401-5.1	Dismantling and removing road pavement i/c screening & stacking complete.	10169.64	%Cft			
8	501-6.1	Relaying of dismantled material as sub base pitrun or bedrun gravel compacted as per 100% AASHTO density (labour rate only).	9152.68	%Cft			
9	552-6.1	P/L road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	159320	P.Rft			
10	551-6.1	Providing & Laying Base course of crushed stone aggregate (W.B.M) specified thickness compacted as per 100% AASHTO density i/c all lead and lift.	14646.73	%Cft			
11	601-7.1	Providing and laying Prime Coat by using 10 Lbs bitumen and 10 Lbs Kerosine Oil per % Sft area.	19932.78	%Sft			
12	611-6.1	Providing and laying tack Coat by using 10 Lbs bitumen per % Sft area.	22485.91	%Sft			
13	641-7.1	Providing and laying of Plant Premixed asphaltic carpet 2.50" thick compacted & finishing to required camber , grade & density i/c carriage of bajri. (by using 4% Bitumen). (ABC)	19932.78	%Sft			
14	641-7.1	Providing and laying of Plant Premixed asphaltic carpet 1.50" thick compacted & finishing to required camber , grade & density i/c carriage of bajri. (by using 4.50% Bitumen). (AWC)	22485.91	%Sft			
15	612-7.1	Providing and Laying Triple surface treatment by using 67 lbs bitumen and 7.5 Cft crush bajri per 100 Sft area complete i/c all lead & lift.	5195.52	%Sft			

Section IV. Bidding Forms

B- Road Structure							
16	-	Earth work excavation in open cutting upto 5'-0" depth complete (in ordinary soil).	578.780	%0Cft			
17	402-14.1	Excavation for structure.	184.573	%0Cft			
18	501-6.1	Providing & Laying Sub Base course of Pitrun or bedrun gravel specified thickness compacted as per 100% AASHTO density i/c all lead and lift.	2777.30	%Cft			
19	411-10.1	Regular Excavation dressed.	661.360	%0Cft			
20	-	P/L Cement concrete brick or stone ballast 1 1/2" to 2" ratio 1:4:8 in foundation and plinth.	432.81	%Cft			
21	721-6.1	Providing, Laying, compacted and curing Cyclopeen / Plum / Rubble concrete in (40:60) ratio (plum concrete) using pre-mixed cement concrete of specified ratio by ordinary Portland cement concrete including screening washing of aggregate mixing of constituents by using batching plant, transported by transit mixer and pouring under gravity with specified consistency i/c the cost of compaction with Vibrator but excluding the cost of Admixture and carriage charges as approved and directed by the engineer incharge. (1:2:4).	92462	P.Cft			
22	701-18.3	P/L of R.C.C 1:2:4 type 'C' i/c carriage of bajri.					
	i)	Bed Plate	2884.40	P.Cft			
	ii)	Slab	25073.56	P.Cft			
23	821-14.2	Furnishing & Placing deformed reinforcement steel bar complete.(Grade 40).	1564.86	%Kg			
24	821-14.1	Furnishing & Placing plain reinforcement steel bar complete.(Grade 40).	202.47	%Kg			
25	-	Supply and dumping at site, without boat, including handling of materials within three chains (90 m) (Stone or Boulder)	82.84	%Cft			
26	701-18.3	P/L of P.C.C 1:2:4 type 'C' i/c carriage of bajri.	1805.71	%Cft			
27	721-6.1	Providing, Laying, compacted and curing Cyclopeen / Plum / Rubble concrete in (40:60) ratio (plum concrete) using pre-mixed cement concrete of specified ratio by ordinary Portland cement concrete including screening washing of aggregate mixing of constituents by using batching plant, transported by transit mixer and pouring under gravity with specified consistency i/c the cost of compaction with Vibrator but excluding the cost of Admixture and carriage charges as approved and directed by the engineer incharge. (1:3:6).	248350	P.Cft			
28	-	P/L Tuff Pavers having 7000 PSI crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to required slope complete in all respect. (50% Grey / 50% Coloured) (b) 60-mm thick.	142064	P.Sft			
29	-	P/F precast Edge Kerb Stone (4" to 6" thick) of 3500 PSI Compressive strength, embedded in P.C.C 1:2:4 over lean concrete 1:4:8 etc complete in all respect (b) with painting 18" High.	26750	P.Rft			
30	-	P/L of PVC Pipe under footpath for drain out of water in built up area 4" dia.	4432	P.Rft			
31	-	Dismantling Cement Concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same complete in all respects.	63.00	%Cft			
32	-	Dismantling of Existing Stone Masonary.	871.78	%Cft			
33	-	Providing and laying R.C.C.pipe sewer,mouled with cement concrete 1:1:½:3 conforming to ASTM specification C-76-79, Class IV , Wall B , including carriage of pipes from factory to site of work , lowering in trenches to correct alignment and grade , jointing with rubber ring , cutting pipes where necessary , testing , etc . complete: (36" Dia)	520	P.Rft			
34	-	Providing and Laying of stone pitching or apron, i/c all lead & lift.	360.00	%Cft			
35	-	Providing and laying stone or spawl filling on slope i/c all lead & lift.	330.00	%Cft			
36	-	Providing and laying stone or spawl filling on Level i/c all lead & lift.	30.00	%Cft			
37	-	Providing and laying stone pitching, for top layer only on slope i/c all lead & lift.	960.30	%Cft			
38	-	Providing and laying stone pitching, for top layer only on Level i/c all lead & lift.	87.30	%Cft			
39	-	Grouting Stone Pitching or Apron with cement sand mortar (1:8)	698.40	%Sft			
40	411-11.1	Earthwork for making embankment with out compaction (for central median).	1.65	%0Cft			
41	-	Dismantling of existing Tuff Tiles.	492.00	%Sft			
42	-	P/L Tuff Pavers having 7000 PSI crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to required slope complete in all respect. (50% Grey / 50% Coloured) (b) 60-mm thick. (Labour Rate Only) .	39360	P.Sft			
43	701-18.2	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects P/L R.C.C 1:1.5:3 i/c carriage of bajri complete in all respects.(Rigid Pavement)	150552	P.Cft			
44	-	Filling expansion joints with bitumen sand & saw dust ratio 1:2:2 complete in all respect.	8029.44	P.Rft Per inch Width			
45	-	P/L of 1" dia PVC pipe complete in all respect.	5352.95	P.Rft			
46	-	P/L of 1.25" dia PVC pipe complete in all respect.	3345.60	P.Rft			
47	-	P/L of Thermopore Sheet 1" thick complete in all respect.	5355.64	P.Sft			
48	-	Providing & laying Grease for dowels complete in all respect.	802.94	P.Kg			

BILL OF QUANTITIES

LOT-2

Name of Work:		REHABILITATION / IMPROVEMENT OF METALLED ROAD FROM LAHORE-SHEIKHUPURA-SARGODHA ROAD TO GURDWARA SUCHA SODA LENGTH = 1.00 KM IN DISTRICT SHEIKHUPURA					
Sr. No.	No of Specification clause	Description of item	Qty in Unit	Unit of Measurement	Tendered Unit Rate (to be filled by the tenderer)		
					In Figures	In word	Amount
1	2	3	4	5	6	7	8
I. ROAD WORK							
1		Dismantling of existing road Edging.	12.300	%Cft			
2		Dismantling of existing road pavement	397.470	%Cft			
3		Compaction of Bed with Power Road Roller	42.640	%0Cft			
4		Excavation and Removal of Unsuitable Material with 2 Km Lead.	94.188	%0Cft			
5		Making Embankment (E/w) with 2 Km lead with 95% compaction.	460.609	%0Cft			
6		Relaying of Sub base course of old Dismantled material Received from Existing Road pavement.	357.723	%Cft			
7		P/L Sub base course of crushed stone aggregate 10" thick from approved quarry	768.148	%Cft			
8		P/L Tuff Paver 80 mm Thick	113166.000	P.Sft			
9		P/L Kerb Stone 14" high.	9916.000	P.Rft			
II. ROAD STRUCTURE							
10	402-14.1	Excavation in foundation for structure.	7.104	%0Cft			
11	402-14.1	Excavation in open cutting upto 5' depth complete in all respect.	41.225	%0Cft			

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12	701-18.5/2 0.1	P/L Cement concrete brick or stone ballast 1/1/2" to 2" gauge, in foundation and plinth, ratio (1:6:12) complete in all respect.	98.386	%Cft			
13	801-35.1	P/L Pacca brick work in foundation and plinth in cement, sand mortar, ratio (1:4) complete in all respect.	363.467	%Cft			
14	872-10.2	P/L cement plaster (1:3) cement sand mortar 1/2" thick	260.111	%Sft			
15	701-18.3	P/L Reinforced Cement concrete (RCC) Type "C" 1:2:4 in roof slabs i/c Carriage of Bajri complete in all respect.	9283.605	P.Cft			
16	701-18.3	P/L Reinforced Cement concrete (RCC) Type "C" 1:2:4 in Bed Plates i/c Carriage of Bajri complete in all respect.	215.760	P.Cft			
17	821-14.2	Furnishing / Fabrication of mild steel reinforcement of deformed bars G-40 complete in all respect.	523.406	%Kg			
18	821-14.2	Furnishing / Fabrication of mild steel reinforcement of Plain bars complete in all respect.	65.529	%Kg			
19	701-18.3/2 0.1	P/L Cement Concrete Plain (1:2:4) i/c carriage of Bajri complete in all respect.	38.273	%Cft			
20	552-6-2	Providing and Fixing Fence / Jungla.	241.500	%Cft			
21		P/L RCC ratio 1:1-1/2:3 having strength 4060 PSI (Raft base slab)	57335.320	P.Cft			
22		P/L PVC pipe 1.25" dia	3678.770	P.Rft			
23		Filling expansion joint with bitumen sand and saw dust in ration 1:2:2	10028.667	P.Rft			
24		P/F thermo pore sheet (foam polythin) in longitudinal & vertical joints	1911.177	P.Sft			
	Gate and Gate Piller						

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25		Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)	2.264	%0Cft			
26		P/L Cement Concrete Brick or Stone Ballast (1:6:12) Type E.	1.415	%Cft			
27		Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than not requiring form work (i.e. horizontal shuttering) complete in all respects:-Ratio (1:2:4)	1132.000	P.Cft			
28		Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Ratio (1:1.5:3)					
29		Upto 20' Height 50% Height	2106.791	P.Cft			
30		Extra Labour upto 20' to 40' Height	2106.791	P.Cft			
31		Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- Grade 60	260.661	%Kg			
32		Pacca Brick Work (1:4) in CSM upto 10' Height OTB.	6.600	%Cft			
33		Upto 10' to 20' height	6.600	%Cft			
34		Side Column	6.600	%Cft			
35		Side Column	8.670	%Cft			

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36		P/L 1/2" thick cement plaster (1:4) upto 20' height.					
37		Side Column	8.800	%Sft			
38		Upto 20' to 40' Height	14.320	%Sft			
39		P/F Special Facing Gutka ornamental work upto 35' height.	7014.903	P.Sft			
40		P/L RCC (1:2:4) in dome 7"-9" and 10' dia 6" thick upto 35 to 40' height for making ornamental typical shuttering extra labour.					
41		Center Dome Large size	1.000	Each			
42		Side Dome Small size	2.000	Each			
43		P/F Mosaic tiles (Hand Made)	4144.000	P.Sft			
44		P/F Special Glazed imported tile i/c wastage, cutting filling with binding paste 2x2.5 inches and above size etc. in typical parabolic shape complete work upto 40' height.	756.000	P.Sft			
45		P/F ornamental white marble jali fixed on top of fort face on both sides of size 4'3" x 4'2" complete work.	20.000	Each			
		IV. Construction of Canteen / Tuck Shop as per Design					
46		Excavation in foundation of building, bridges and other structure, i/c dag belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5' (in ordinary) soil	0.150	%0Cft			

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47		Termite proofing of building by spraying anti-termite Liquid @ 1 liter chemical mixed with 40 Liters of water by spraying over an area of 175 Sft using Biflex OR Termite Proofing of builing by bspraying anti-termite liquid mirage 5%Sc mixed with 110 liter water for spraying over an area of 175 Sft applying with pressure pump.	2.500	%Sft			
48		P/L cement concrete using bricks of stone ballast 1 1/2' to 2" gauge in foundation and plinth ratio 1:6:12	0.560	%Cft			
49		Cement concrete plain using finishing and curing concrete(1:4:8)	0.350	%Cft			
50		Pacca brick work in cement sand mortar (1:6) in foundation and plinth	1.250	%Cft			
51		Pacca brick work in cement sand mortar (1:6) in other than building upto 10ft	0.500	%Cft			
52		Reinforcement of cement concrete in slab of rafts/ strip foundation, base of column and retaining walls etc and other structural members other than these mentioned in above not requiring form work (i.e horizontal shuttering) complete in all respect (1:2:4).	40.000	P.Cft			
53		Providing and damp proof course with cement sand plaster and bitumen coating with one coat of bitumen and one coat of polythene sheet 500 gauge (13mm)	0.350	%Sft			
54		Providing and damp proof course of cement concrete 1:2:4 (using cement, sand and shingle); including bituman coating with one coat of polythene sheet 500 gauge (40 mm)	0.280	%Sft			
55		Providing and laying vertical damp proof course with cement sand plaster and bitumen coating with one coat of polythene sheet 500 gauge (13mm)	0.780	%Sft			
56		Pacca brick work in cement sand mortar (1:6) in ground floor	2.100	%Cft			
57		Pacca brick work in cement sand mortar (1:4) in ground floor	0.450	%Cft			

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58		Reinforced cement concrete in roof, slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or pre stressed members cast in situ, complete in all respects:- Type C (nominal mix 1:2:4)	65.000	Cft			
59		Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastening i/ c cost of binding wire and labour charges for binding of steel reinforcement (Also i/c removal of rust from bars). (b) Deformed bars (Grade-40)	9.500	%Kg			
60		Pacca brick work in cement sand mortar (1:4) in first floor	0.290	%Cft			
61		Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	2.400	%Cft			
62		Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc 500 gauge (.005" thick)	35.000	P.Sft			
63		Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	0.680	%Sft			
64		1/2" thick cement plaster (1:4) upto 20' height inside	2.310	%Sft			
65		3/4" thick cement plaster (1:4) upto 20'	1.550	%Sft			
66		Filling, watering & ramming earth under floors with surplus earth excavated from 2/3 of item no. 1	0.240	%0Cft			
67		Filling, watering & ramming earth under floor with new earth from out side lead upto 3 Km	0.351	%0Cft			
68		Supplying and filling sand under floor; or plugging in wells	0.250	%Cft			
69		P/L of brick or stone ballast 1-1/2 to 2 inch gauge	0.240	%Cft			

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70		P/L ceramic tile (master or equivalent) best quality base (glossy / matt) white color rectified size 10"x20" size laid over a bed of 3/4" thick cement sand mortar 1:2 i/c filling joints with white cement mixed with matching pigments complete in all respect as approved by the engineer in-charge (for floor)	20.000	P.Sft			
71		PCC 1:2:4 under floors	0.240	%Cft			
72		P/L ceramic tile (master or equivalent) best quality base (glossy / matt) white color rectified size 10"x20" size laid over a bed of 3/4" thick cement sand mortar 1:2 i/c filling joints with white cement mixed with matching pigments complete in all respect as approved by the engineer in-charge (for dado)	67.000	P.Sft			
73		Providing and applying emulsion paint 3 coats on new surface as per soffit and inside plaster	2.100	%Sft			
74		P/F all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of M/s Pakistan Cables or equipment approved firm having frame of size 100mm x 30 mm and leaf frame sections of size 45mm x 25mm/45 mm, all of 1.6 mm thickness i/c 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware i/c using imported brushes for dust proofing and imported rular complete in all respect and as approved by engineer in-charge.	72.000	P.Sft			

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75		Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	65.000	P.Sft			
76		Providing and laying 3/4" thick Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.	38.000	P.Sft			
77		Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels) 1½"(40 mm) thick	0.398	%Sft			
78		Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge Ziarat White.	30.000	P.Sft			
79		Providing and laying fair face Gutka cladding laid in (1:2) cement / red posso mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c respectively i/c cutting charges as per approved drawing excluding carriage charges complete in all respect as approved and directed by the Engineer Incharge i. 2-1/4" x 2-1/4" x 9"	175.000	P.Sft			

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80		Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect on new surface 2 coats	13.381	%Sft			
81		P/F Iron door comprising of specified leaves made of 1-1/4"x1- 1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (Size 3.5'x7')	275.000	P-Sft			
82		PH & Electric work	1.000	Job			
	Toilet Block						
	Building Portion						
83		Excavation in foundation of building, bridges and other structure, i/c dag belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5' (in ordinary) soil	2.486	%0Cft			
84		Termite proofing of building by spraying anti-termite Liquid @ 1 liter chemical mixed with 40 Liters of water by spraying over an area of 175 Sft using Biflex OR Termite Proofing of builing by bspraying anti-termite liquid mirage 5%Sc mixed with 110 liter water for spraying over an area of 175 Sft applying with pressure pump.	29.059	%Sft			
85		P/L cement concrete using bricks of stone ballast 1 1/2' to 2" gauge in foundation and plinth ratio 1:6:12	6.888	%Cft			
86		Cement concrete plain using finishing and curing concrete(1:4:8)	2.500	%Cft			
87		Pacca brick work in cement sand mortar (1:6) in foundation and plinth	10.747	%Cft			
88		Pacca brick work in cement sand mortar (1:6) in other than building upto 10ft	1.640	%Cft			

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89		Reinforcement of cement concrete in slab of rafts/ strip foundation, base of column and retaining walls etc and other structural members other than these mentioned in above not requiring form work (i.e horizontal shuttering) complete in all respect (1:2:4).	132.305	P.Cft			
90		Providing and damp proof course with cement sand plaster and bitumen coating with one coat of bitumen and one coat of polythene sheet 500 gauge (13mm)	1.349	%Sft			
91		Providing and damp proof course of cement concrete 1:2:4 (using cement, sand and shingle); including bituman coating with one coat of polythene sheet 500 gauge (40 mm)	2.124	%Sft			
92		Providing and laying vertical damp proof course with cement sand plaster and bitumen coating with one coat of polythene sheet 500 gauge (13mm)	2.226	%Sft			
93		Pacca brick work in cement sand mortar (1:6) in ground floor	18.511	%Cft			
94		Pacca brick work in cement sand mortar (1:4) in ground floor	1.383	%Cft			
95		Reinforced cement concrete in roof, slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or pre stressed members cast in situ, complete in all respects:- Type C (nominal mix 1:2:4)	1040.613	Cft			
96		Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastening i/ c cost of binding wire and labour charges for binding of steel reinforcement (Also i/c removal of rust from bars). (b) Deformed bars (Grade-40)	85.000	%Kg			
97		Pacca brick work in cement sand mortar (1:4) in first floor	2.503	%Cft			

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98		Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	7.312	%Cft			
99		Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc 500 gauge (.005" thick)	371.250	P.Sft			
100		Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	3.673	%Sft			
101		1/2" thick cement plaster (1:4) upto 20' height inside	30.745	%Sft			
102		3/4" thick cement plaster (1:4) upto 20'	2.550	%Sft			
103		Filling, watering & ramming earth under floors with surplus earth excavated from 2/3 of item no. 1	1.304	%0Cft			
104		Filling, watering & ramming earth under floor with new earth from out side lead upto 3 Km	2.500	%0Cft			
105		Supplying and filling sand under floor; or plugging in wells	4.261	%Cft			
106		P/L of brick or stone ballast 1-1/2 to 2 inch gauge	4.261	%Cft			
107		P/L ceramic tile (master or equivalent) best quality base (glossy / matt) white color rectified size 10"x20" size laid over a bed of 3/4" thick cement sand mortar 1:2 i/c filling joints with white cement mixed with matching pigments complete in all respect as approved by the engineer in-charge (for floor)	741.688	P.Sft			
108		PCC 1:2:4 under floors	0.998	%Cft			
109		P/L ceramic tile (master or equivalent) best quality base (glossy / matt) white color rectified size 10"x20" size laid over a bed of 3/4" thick cement sand mortar 1:2 i/c filling joints with white cement mixed with matching pigments complete in all respect as approved by the engineer in-charge (for dado)	3712.750	P.Sft			

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110		Providing and applying emulsion paint 3 coats on new surface as per soffit and inside plaster	28.000	%Sft			
111		P/F all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of M/s Pakistan Cables or equipment approved firm having frame of size 100mm x 30 mm and leaf frame sections of size 45mm x 25mm/45 mm, all of 1.6 mm thickness i/c 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware i/c using imported brushes for dust proofing and imported rular complete in all respect and as approved by engineer in-charge.	180.000	P.Sft			
112		Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	90.000	P.Sft			
113		P/F solid ash wood (imported) engineered door 40 mm thick along with chaukat frame of ash wood 5" wide 1.5" thick i/c cost of handle tower bolts 12", brass hinges, brass finger plate, lacquer polish etc. complete in all respect as approved by the engineer in-charge	64.000	P.Sft			
114		Providing and laying 3/4" thick Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.	142.000	P.Sft			

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115		Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels) 1½"(40 mm) thick	4.930	%Sft			
116		Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture(Spotless) with adhesive bond over 3/4" thick (1:2) cement sandmortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge Ziarat White.	94.950	P.Sft			
117		Providing and laying fair face Gutka cladding laid in (1:2) cement / red posso mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c respectively i/c cutting charges as per approved drawing excluding carriage charges complete in all respect as approved and directed by the Engineer Incharge i. 2-1/4" x 2-1/4" x 9"	4500.000	P.Sft			
118		Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect on new surface 2 coats	13.381	%Sft			
119		P/F Iron door comprising of specified leaves made of 1-1/4"x1- 1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (Size 3.5'x7')	24.500	P-Sft			

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120		P/I of solar power PV system for water pump operations, internal lightening, geyser, spot lights , 12 hours backup , complete including MS frame , batteries , wiring , connectors , switches board complete 5 Kwa	1.000	Each			
		<i>EI Portion</i>					
121		Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries and repairing surface, etc., complete with all specials					
		3/4" i/d	400.000	P. Mtr			
		1" i/d	200.000	P. Mtr			
122		Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I wire/trenches (rate for cables only) 250/440 volts, PVC insulated:					
		3/0.029	400.000	P. Mtr			
		7/0.029	80.000	P. Mtr			
		7/0.036	100.000	P. Mtr			
123		S/I of Hilife made Switch Single Pole One way	42.000	Each			
124		S/I of Hilife made Socket 2 pin	6.000	Each			
125		S/I of Hilife made Fan Dimmer	4.000	Each			
126		S/I of Hilife made Socket 3-pin 20 Amp. Porceline Base complete	2.000	Each			
127		S/I of Hilife made Gang Plate i/c Box 4-6 holes complete	10.000	Each			
128		S/E of Tubeligt, i/c rod choke starter with frame, flexible wire, i/c connection single rod 40W with one choke and one starter	4.000	Each			

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129		Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth.	1.000	Each			
130		Bonding to earth with wire on surface, including cost of wire, ditto clamps, thimbles, etc. (Copper wire: 20SWG)	60.000	P. Mtr			
131		S/E of SDM LED light concealed/recessed including making connections 10-Watt	10.000	Each			
132		S/E of SDM LED light concealed/recessed including making connections 20-Watt	10.000	Each			
133		S/E of SDM LED out side light concealed/recessed including making connections 50-Watt	2.000	Each			
134		Supply and erection of copper conductor cables for service connection, in pre-laid pipe/G.I. wire/trenches, etc. (rate for cable only) PVC insulated, PVC sheathed 2 core, 250/440 volt (7/0.044")	50.000	P. Mtr			
135		P/F of exhaust fan plastic body 12" size of approved quality i/c making electric connection with ceiling rose	10.000	Each			
136		Supply and erection of 3/8" (10 mm) dia. M.S. bar fan hook, placed at the time of casting of slab in 6" dia. box	4.000	Each			
137		S/E of 56" ceiling fan i/c capacitor, canopies, rubber packing complete alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary	4.000	Each			

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138		S/E of branch Distribution Board Consistly of 16 SWG M/S sheet box (18"x 24"x 6") duty powerd coated i/c cost of 3 Nos volt Meter,1 No Ampair Meter, selector switch, , L.E.D Neon lights, bus bars, Thimbling at conections having glass front with rubber gas kit aloing with locking arrangement complete in all respect. Upto 100 Amp. Incoming: 1 No 100 Amp Model 5 KA /XE 100CB (Legrand France, Terrasaki Japan) 01-Nos Outgoing: MCB 1 POLE 20A, 6KA (LR) Legrand France, Terrasaki Japan 20-Nos	1.000	Each			
139		S/E of electric geyser best quality 20L capacity 2000W complete i/c carriage, fixing, cost of clamps, bolts etc.	1.000	Each			
		<i>PH Portion</i>					
140		P/F of glazed stoneware water closet Europin Type with seat cover complete Porta HD-9 (White)	6.000	Each			
141		Providing and fitting glazed stone ware water closet, squatter type (orisa pattern) combined with foot rest. Porta HD-17 (White)	4.000	Each			
142		Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	4.000	Each			
143		Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. i) white	4.000	Each			
144		Providing and fixing glazed earthen ware Art vanity wash hand (fixing above counter) (Porta or equalent) Model No. A6111 i/c fitting, carriage charges complete as approved and entire satisfaction of Engineer Incharge.	10.000	Each			
145		Providing and fixing glazed stone ware flat back urinal medium size white porta	2.000	Each			

Section IV. Bidding Forms

146		Providing and fixing chromium plated toilet paper holder heavy quality Master/ Faisal/ Sonex	6.000	Each			
147		Providing and fixing looking glass 5 mm thick best quality China (7' x 3')	93.000	P.Sft			
148		Providing and fixing C.P Tee stop cock 1/2" dia (Master or equevalant) Model no. (size 1/2") (075) complete in all respect	32.000	Each			
149		Providing and fixing of C.P Sink or basin mixer (Master or equevalant) Model No. 056, (CP) complete in all respect	10.000	Each			
150		Providing and fixing C.P bib cock 1/2" dia (Master or equevalant) Model no. 008, (CP) complete in all respect	4.000	Each			
151		Providing and fixing of C.P Toilet Shower (Master or equevalant) complete in all respect	10.000	Each			
152		Providing and fixing, flushing bend of PVC. ii) 4 cm (1½")	4.000	Each			
153		Providing and fixing, waste pipe of PVC:- ii) 4 cm (1½")	10.000	Each			
154		Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1¼") dia	2.000	Each			
155		Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe beta or any approved firm in trenches, cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & threaded specials for bathrooms/ levorotatory (¾" i/d)	200.000	P.Rft			

Section IV. Bidding Forms

156		Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned) (1" i/d)	100.000	P.Rft			
157		Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned) (1-1/4" i/d)	50.000	P.Rft			
158		P/L cutting jointing testing and disinfecting UPVC soil waste vent (SWV) PIPES (As per approved manufacturers) with all special socket joint complete in all respect					
		4" i/d	300.000	P.Rft			
		2" i/d	200.000	P.Rft			
159		Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- i) 10x5 cm (4"x2")	14.000	Each			
160		P/F of 2ft long 1" dia. stain less steel handle for support in disable washroom including cost off rail bolts drilling etc.	2.000	Each			
161		P/F 6" x 6" size stainless steel floor trap jali	14.000	Each			
		External Sewerage	1.000	Job			
		Tuff Paver					

Section IV. Bidding Forms

162		PCC 1:4:8	1.000	%Cft			
163		Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) 60 mm	200.000	P.Rft			
		Estimation for External Water Supply					
164		Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with plugs, etc. c) 1" i/d (25 mm) 3.25mm thick Medium Quality	227.050	P.Rft			
165		Supply and erection of 200 gallons capacity Duraplus double ply overhead Tanki including carriage complete as approved and directed by engineer in-charge	2.000	Each			
		III. MISCELLANEOUS					
166		P/F Village board size 2'x5'	4.000	Each			
167		P/F Delineator Board size 2'x3'	20.000	Each			
168		P/F Rectangular Board size 3'x4'	8.000	Each			
169		P/F of Road lightening poles	20.000	Each			
		IV -ESMP Implementation Charges					
170		Safety					
171		Dust/ Surgical Mask	6506.000	Each			
172		Safety Shoes	100.000	Each			
173		Gloves	100.000	Each			
174		First Aid Box	2.000	Each			
175		Ear Plugs	3000.000	Each			
176		Safety Helmets	100.000	Each			
177		Safety Jackets	100.000	Each			
178		Sanitizer	450.000	Each			
179		Thermogun	4.000				
		Environmental Analysis					
180		Ambient Air Quality Analysis (SOx, NOX, CO, PM2.5, O3,)	16.000	Each			
181		Noise Level Monitoring	16.000	Each			
182		Water Analysis	16.000	Each			
		Others					
183		Provision of Dust Bins	36.000	Each			

Section IV. Bidding Forms

184		Reflective Tape	375.000	Each			
185		Safety cones	75.000	Each			
186		Safty Board	22.000	Each			
		<u>Credit of Old Material</u>					
1		Bricks	9.963	%0No's			
2		Brick Bats	99.630	%Cft			
		G.Total =					

Bill of Quantities

Lot-3

BILL OF QUANTITIES							
Name of Work:		REHABILITATION / IMPROVEMENT OF METALLED ROAD FROM LAHORE SHEIKHUPURA SARGODHA ROAD TO MARIAMABAD LENGTH 4.10KM (RIGHT SIDE OF CANAL) IN DISTRICT SHEIKHUPURA					
Sr. No.	No of Specification clause	Description of item	Qty in Unit	Unit of Measurment	Tendered Unit Rate (to be filled by the tenderer)		
					In Figures	In word	Amount
1	2	3	4	5	6	7	8
I. ROAD WORK							
1		Dismantalling of existing road Edging.	50.43	%Cft			
2		Dismantalling of existing road pavement	1107.59	%Cft			
3		Compaction of Bed with Power Road Roller	82.656	%0Cft			
4		Making Embankment (E/w) with 2 Km lead with 95% compaction.	552.412	%0Cft			
5		P/L Sand filling in bed of road i/c compaction complete work	1653.12	%Cft			
6		Relaying of Sub base course of old Dismantled material Received from Existing Road pavement.	996.83	%Cft			
7		P/L sub base course of crushed stone aggregate 6" thick from approved quarry	669.28	%Cft			
8		P/L Road Edging 3" wide and 9" deep complete work	24928	P.Rft			
9		P/L base course of crushed stone aggregate 8" thick from approved quarry	1017.57	%Cft			
10		P/L bituminous Priming coat by using 10 Lbs bitumen and 10 Lbs K.Oil %Sft area.	1525.59	%sft			
11		P/L plant premixed bituminous carpet 2" thick (AWC) using 4.5% Bitumen contents.	1525.59	%sft			
12		P/L Tuff Paver 80mm Thick	177120	P.Sft			
13		P/F Kerb Stone 18" high	13448	P.Rft			
14		P/L P.C.C 1:2:4 on edge between tuff paver and road edging	10.76	%Cft			
II. ROAD STRUCTURE							

Section IV. Bidding Forms

15		Dismantling of existing slab cement concrete reinforcement separating reinforcement from concrete cleaning and straightening the same.	3.84	%Cft.			
16		Dismantling brick work in lime cement mortar complete in all respect.	5.4	%Cft.			
17	402-14.1	Excavation in foundation of structure complete in all respect.	41.209	%0Cft.			
18	701-18.5/20.1	P/L Cement concrete brick or stone ballast 1/1/2" to 2" (40mm to 50mm) gauge, in foundation and plinth, ratio (1:6:12) complete in all respect.	42.09	%Cft.			
19	701-18.5/20.1	P/L Cement concrete brick or stone ballast 1/1/2" to 2" (40mm to 50mm) gauge, in foundation and plinth, ratio (1:4:8) complete in all respect.	88.7568	%Cft.			
20	872-10.2	P/L Pacca brick work in foundation and plinth in cement, sand mortar, ratio (1:4) complete in all respect.	304.38828	%Cft.			
21	701-18.3	P/L RCC 1:2:4 in roof slab complete in all respect.	1150.72	P.Cft.			
22	701-18.3	P/L RCC 1:2:4 in bed plate complete in all respect.	211.12	P.Cft.			
23	821-14.2	Furnishing/Fabrication of mild steel reinforcement for deformed bars of G-40 complete in all respect.	41.7176	%Kg.			
24	701-18.3/20.1	P/L PCC (1:2:4) Plain complete in all respect.	34.7464	%Cft.			
25		P/F of Double Arm electric Pole with LED Lights with approved color design and shape as per direction by engineer incharge,complete in all respect.	1	P-Job			
26		P/L Lane Marking 5" wide with TP Paint complete in all respect.	24928	P-Rft			
26		P/F cat eyes with approved color design and shape as per direction by engineer incharge,complete in all respect.	1500	Each			
27		P/F delinator 2' x 3' with single post of G.I pipe 2" dia base Lettering / symboling with diamond grade reflective sheet / tape complete	55	Each			

Section IV. Bidding Forms

27		P/F of Village/direction Board size 4'x3' with Double post of G.I Pipe 2-1/2" dia 12' height complete base Lettering / symboling with diamond grade reflective sheet/tape (single side)	12	Each			
IV -ESMP Implementation Charges							
28		Safety					
29		Dust/ Surgical Mask	6500	Each			
30		Safety Shoes	100	Each			
31		Gloves	100	Each			
32		First Aid Box	2	Each			
33		Ear Plugs	3000	Each			
34		Safety Helmets	100	Each			
35		Safety Jackets	100	Each			
36		Sanitizer	450	Each			
37		Thermogun	4				
Environmental Analysis							
38		Ambient Air Quality Analysis (SOx, NOX, CO, PM2.5, O3,)	16	Each			
39		Noise Level Monitoring	16	Each			
40		Water Analysis	16	Each			
Others							
41		Provision of Dust Bins	36	Each			
42		Reflective Tape	300	Each			
43		Safety cones	75	Each			
44		Safety Board	22	Each			
Deduction of old material							
1		Bricks	45.222	%0No's			
2		Brick Bats	22.33	%Cft			
		Steel	13.6734	%KG			
		G.TOTAL =					

Sample Activity Schedule

<i>Item no.</i>	<i>Description</i>	<i>Unit</i>	<i>Amount</i>
	<i>[To be entered by the Employer; Delete if not applicable:]</i> Provisional sums for additional ESHS outcomes		
	<i>[To be entered by the Employer; Delete if not applicable:]</i> Provisional sum for sexual exploitation and abuse (SEA) / Gender based violence (GBV) awareness and sensitization training.		

2. Schedule of Payment Currencies (Not Applicable)

Forinsert name of Section of the Works

Separate tables may be required if the various sections of the Works (or of the Bill of Quantities) will have substantially different foreign and local currency requirements. The Employer should insert the names of each Section of the Works.

	A	B	C	D
Name of Payment Currency	Amount of Currency	Rate of Exchange to Local Currency	Local Currency Equivalent $C = A \times B$	Percentage of Total Bid Price (TBP) $\frac{100 \times C}{TBP}$
Local currency _____		1.00		
Foreign Currency #1 _____				
Foreign Currency #2 _____				
Foreign Currency #3 _____				
Total Bid Price				100.00
Provisional Sums Expressed in Local Currency		1.00		
TOTAL BID PRICE (Including provisional sum)				

Schedule(s) of Adjustment Data (Applicable)

Table A - Local Currency

Index Code	Index Description	Source of Index	Base Value and Date	Bidder's Local Currency Amount	Bidder's Proposed Weighting
	Nonadjustable	—	—	—	A: ___*B: * C: ___* D: ___* E: ___*
Total					1.00

[* To be entered by the Employer. Whereas “A” should a fixed percentage, B, C, D and E should specify a range of values and the Bidder will be required to specify a value within the range such that the total weighting = 1.00]

Table B - Foreign Currency

Name of Currency: _____

If the Bidder wishes to quote in more than one foreign currency, this table should be repeated for each foreign currency.

Index Code	Index Description	Source of Index	Base Value and Date	Bidder's Currency in Type/Amount	Equivalent in FC1	Bidder's Proposed Weighting
	Nonadjustable	—	—	—		A: ___*B: * C: ___* D: ___* E: ___*
Total						1.00

[* To be entered by the Employer. Whereas “A” should a fixed percentage, B, C, D and E should specify a range of values and the Bidder will be required to specify a value within the range such that the total weighting = 1.00]

Form of Bid Security (Bank Guarantee)

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:

[Insert name and address of the Employer]

Invitation for Bids No.: *[Insert reference number for the Invitation for Bids]*

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 *[insert description of contract]* under Invitation for Bids No. *[Insert number]* ("The IFB").

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 *[insert amount in letters]* (*insert amount in numbers*) upon receipt by us of the Beneficiary's complying supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has withdrawn its Bid during the period of bid validity specified by the Applicant in the Letter of Bid, or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the period of bid validity, (i) fails to execute the Contract Agreement or (ii) fails to furnish the performance security, and, if required, the Environmental, Social, Health and Safety (ESHS) 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 and, if required, the Environmental, Social, Health and Safety (ESHS) Performance Security, issued to the Beneficiary upon the instruction of the Applicant; and (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 end of the Bid Validity Period.

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

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

[Signature]

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

Form of Bid Security (Bid Bond) (Not Applicable)

[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]

BOND NO. _____

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, authorized to transact business in *[name of country of Employer]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Employer]* as Oblige (hereinafter called “the Employer”) in the sum of *[amount of Bond]*²⁰ *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a written Bid to the Employer dated the ____ day of _____, 20₁, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) withdraws its Bid during the period of bid validity specified in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Employer during the period of Bid validity; (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the Performance Security, and, if required, the Environmental, Social, Health and Safety (ESHS) Performance Security, in accordance with the Instructions to Bidders.

then the Surety undertakes to immediately pay to the Employer up to the above amount upon receipt of the Employer’s first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration of the Bid validity as stated in the Invitation to Bid or extended by the Employer at any time prior to this date, notice of which extension(s) to the Surety being hereby waived.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this ____ day of _____ 20₁.

Principal: _____ Surety: _____
Corporate Seal (where appropriate)

²⁰ The amount of the Bond shall be denominated in the currency of the Employer’s country or the equivalent amount in a freely convertible currency.

(Signature)
(Printed name and title)

(Signature)
(Printed name and title)

Form of Bid-Securing Declaration (Not Applicable)

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

Bid No.: *[insert number of bidding process]*

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

To: *[insert complete name of Employer]*

We, the undersigned, declare that:

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

We accept that we will automatically be suspended from being eligible for bidding in any contract with the entity that invited Bids for the period of time of *[insert number of months or years]* starting on *[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the Employer during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, and, if required, the Environmental, Social, Health and Safety (ESHS) Performance Security, in accordance with the ITB.

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

Name of the Bidder* _____ *[insert complete name of person signing the Bid]*

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

Technical Proposal

Technical Proposal Forms

- **Key Personnel Schedule**
-
- **Equipment**
-
- **Site Organization**
-
- **Method Statement**
-
- **Mobilization Schedule**
-
- **Construction Schedule**
-
- **ESHS Management Strategies and Implementation Plans**
-
- **Code of Conduct (ESHS)**
-
- **Others**

Form PER -1

Key Personnel Schedule

Bidders should provide the names and details of the suitably qualified Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Key Personnel

1.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
2.	Title of position: <i>[Environmental Specialist]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
3.	Title of position: <i>[Health and Safety Specialist]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
4.	Title of position: <i>[Social Specialist]</i>	
	Name of candidate:	

	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
5.	Title of position: <i>[insert title]</i>	
	Name of candidate	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>

Form PER-2: Resume and Declaration Key Personnel

Name of Bidder

Position [#1]: <i>[title of position from Form PER-1]</i>		
Personnel information	Name:	Date of birth:
	Address:	E-mail:
	Professional qualifications:	
	Academic qualifications:	
	Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>	
details	Address of employer:	
	Telephone:	Contact (manager / personnel officer):
	Fax:	
	Job title:	Years with present employer:

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	Role	Duration of involvement	Relevant experience
<i>[main project details]</i>	<i>[role and responsibilities on the project]</i>	<i>[time in role]</i>	<i>[describe the experience relevant to this position]</i>

Declaration

I, the undersigned Key Personnel, certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Bid:

Commitment	Details
Commitment to duration of contract:	<i>[insert period (start and end dates) for which this Key Personnel is available to work on this contract]</i>
Time commitment:	<i>[insert the number of days/week/months/ that this Key Personnel will be engaged]</i>

I understand that any misrepresentation or omission in this Form may:

- (a) be taken into consideration during Bid evaluation;
- (b) my disqualification from participating in the Bid;
- (c) My dismissal from the contract.

Name of Key Personnel: *[insert name]*

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Bidder:

Signature: _____

Date: (day month year): _____

Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section III (Evaluation and Qualification Criteria). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder. The Bidder shall provide all the information requested below, to the extent possible. Fields with asterisk (*) shall be used for evaluation.

Type of Equipment*		
Equipment Information	Name of manufacturer,	Model and power rating
	Capacity*	Year of manufacture*
Current Status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured	

The following information shall be provided only for equipment not owned by the Bidder.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

Site Organization

[Insert Site Organization information]

Method Statement

[Insert Method Statement]

Mobilization Schedule

[Insert Mobilization Schedule]

Construction Schedule

[Insert Construction Schedule]

ESHS Management Strategies and Implementation Plans

(ESHS-MSIP)

The Bidder shall submit comprehensive and concise Environmental, Social, Health and Safety Management Strategies and Implementation Plans (ESHS-MSIP) as required by ITB 11.1 (h) of the Bid Data Sheet. These strategies and plans shall describe in detail the actions, materials, equipment, management processes etc. that will be implemented by the Contractor, and its subcontractors.

In developing these strategies and plans, the Bidder shall have regard to the ESHS provisions of the contract including those as may be more fully described in the Works Requirements described in Section VII.

Code of Conduct: Environmental, Social, Health and Safety (ESHS)

The Bidder shall submit the Code of Conduct that will apply to the Contractor's employees and subcontractors as required by ITB 11.1 (h) of the Bid Data Sheet. The Code of Conduct shall ensure compliance with the ESHS provisions of the contract, including those as may be more fully described in the Works Requirements described in Section VII.

In addition, the Bidder shall submit an outline of how this Code of Conduct will be implemented. This will include: how it will be introduced into conditions of employment/engagement, what training will be provided, how it will be monitored and how the Contractor proposes to deal with any breaches.

Others

Bidder's Qualification

To establish its qualifications to perform the contract in accordance with Section III (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder

Form ELI -1.1: Bidder Information Form

Date: _____
 ICB No. and title: _____
 Page _____ of _____ pages

Bidder's name
In case of Joint Venture (JV), name of each member:
Bidder's actual or intended country of registration: <i>[indicate country of Constitution]</i>
Bidder's actual or intended year of incorporation:
Bidder's legal address [in country of registration]:
Bidder's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
1. Attached are copies of original documents of <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 4.3. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of Government-owned enterprise or institution, in accordance with ITB 4.5 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not dependent agency of the Employer
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form ELI -1.2: Information Form for JV Bidders

(To be completed for each member of Joint Venture)

Date: _____

ICB No. and title: _____

Page _____ of _____ pages

Bidder's Joint Venture name:
JV member's name:
JV member's country of registration:
JV member's year of constitution:
JV member's legal address in country of constitution:
JV member's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ E-mail address: _____
1. Attached are copies of original documents of <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 4.3. <input type="checkbox"/> In case of a Government-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and absence of dependent status, in accordance with ITB 4.5.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form CON – 2: Historical Contract Non-Performance, Pending Litigation and Litigation History

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

ICB No. and title: _____

Page _____ of _____ pages

Non-Performed Contracts in accordance with Section III, Evaluation Criteria and Qualifications			
<input type="checkbox"/> Contract non-performance did not occur since 1 st January [<i>insert year</i>] specified in Section III, Evaluation Criteria and Qualifications, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January [<i>insert year</i>] specified in Section III, Evaluation Criteria and Qualifications, requirement 2.1			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate equivalent)
		Contract Identification: Name of Employer: Address of Employer: Reason(s) for non-performance:	
Pending Litigation, in accordance with Section III, Evaluation Criteria and Qualifications			
<input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation Criteria and Qualifications, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation Criteria and Qualifications, Sub-Factor 2.3 as indicated below.			

Form CON – 3: Environmental, Social, Health, and Safety Performance Declaration

[The following table shall be filled in for the Bidder, each member of a Joint Venture and each Specialized Subcontractor]

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

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

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

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

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

Environmental, Social, Health, and Safety Performance Declaration in accordance with Section III, Qualification Criteria, and Requirements			
<input type="checkbox"/> No suspension or termination of contract: An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental, Social, Health, or Safety (ESHS) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5.			
<input type="checkbox"/> Declaration of suspension or termination of contract: The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental, Social, Health, or Safety (ESHS) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5. Details are described below:			
Year	Suspended or terminated portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. for GBV/ SEA breaches]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i>	<i>[insert amount]</i>

	Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	
...	<i>[list all applicable contracts]</i>	...
Performance Security called by an employer(s) for reasons related to ESHS performance		
Year	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)
<i>[insert year]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for calling of performance security: <i>[indicate main reason(s) e.g. for GBV/ SEA breaches]</i>	<i>[insert amount]</i>

Form CCC: Current Contract Commitments / Works in Progress

Bidders and each partner to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Name of contract	Employer, contact address/tel/fax	Value of outstanding work (current equivalent)	Estimated completion date	Average monthly invoicing over last six months month)
1.				
2.				
3.				
4.				
5.				
etc.				

Form FIN – 3.1: Financial Situation and Performance

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

ICB No. and title: _____

Page _____ of _____ pages

1. Financial data

Type of Financial information in (currency)	Historic information for previous _____ years, _____ (amount in currency, currency, exchange rate, equivalent)				
	Year 1	Year 2	Year 3	Year 4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

2. Sources of Finance

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

No.	Source of finance	Amount (equivalent)
1		
2		
3		

2. Financial documents

The Bidder and its parties shall provide copies of financial statements for _____ years pursuant Section III, Evaluation and Qualifications Criteria, Sub-factor 3.2. The financial statements shall:

- (a) Reflect the financial situation of the Bidder or in case of JV member, and not an affiliated entity (such as parent company or group member).
- (b) Be independently audited or certified in accordance with local legislation.
- (c) Be complete, including all notes to the financial statements.
- (d) Correspond to accounting periods already completed and audited.

Attached are copies of financial statements²¹ for the _____ years required above; and complying with the requirements

²¹ If the most recent set of financial statements is for a period earlier than 12 months from the date of bid, the reason for this should be justified.

Form FIN - 3.2: Average Annual Construction Turnover

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

ICB No. and title: _____

Page _____ of _____ pages

		Annual turnover data (construction only)	
Year	Amount Currency	Exchange rate	
<i>[indicate year]</i>	<i>[insert amount and indicate currency]</i>		
Average Annual Construction Turnover *			

* See Section III, Evaluation and Qualification Criteria, Sub-Factor 3.2.

Form FIN - 3.3: Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Section III (Evaluation and Qualification Criteria)

Source of financing	Amount)
1.	
2.	
3.	
4.	

Form EXP - 4.1: General Construction Experience

Bidder's Name: _____
 Date: _____
 Joint Venture Member's Name _____
 ICB No. and title: _____
 Page _____ of _____ pages

Starting Year	Ending Year	Contract Identification	Role of Bidder
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of Employer: _____ Address: _____	

Form EXP - 4.2(a): Specific Construction and Contract Management Experience

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

ICB No. and title: _____

Page _____ of _____ pages

Similar Contract No.	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount				
If member in a JV or sub-contractor, specify participation in total Contract amount			*	
Employer's Name:				
Address:				
Telephone/fax number				
E-mail:				

Form EXP - 4.2(a) (cont.)
Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	Information
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	
5. Construction rate for key activities	
6. Other Characteristics	

Form EXP - 4.2(b): Construction Experience in Key Activities

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

Sub-contractor's Name²² (as per ITB 34.2 and 34.3): _____

ICB No. and title: _____

Page _____ of _____ pages

Sub-contractor's Name (as per ITB 34.2 and 34.3): _____

All Sub-contractors for key activities must complete the information in this form as per ITB 34.2 and 34.3 and Section III, Qualification Criteria and Requirements, Sub-Factor 4.2.

1. Key Activity No One: _____

	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount				
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)		Actual Quantity Performed (i) x (ii)
Year 1				
Year 2				
Year 3				
Year 4				
Employer's Name:				

²² If applicable.

Address: Telephone/fax number E-mail:	
---	--

	Information
Employer's Name:	
Address:	
Telephone/fax number	
E-mail:	

2. Activity No. Two

3.

	Information
Description of the key activities in accordance with Sub-Factor 4.2(b) of Section III:	

Section V - Eligible Countries

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

1. 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*

Under ITB 4.7 (b) and 5.1 None

Section VI. Bank Policy - Corrupt and Fraudulent Practices

(Section VI shall not be modified)

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption:

1.16 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.²³ In pursuance of this policy, 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;²⁴
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;²⁵
 - (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;²⁶
 - (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;²⁷

²³ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

²⁴ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

²⁵ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

²⁶ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

²⁷ For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (v) “obstructive practice” is
- (aa) 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
 - (bb) acts intended to materially impede the exercise of the Bank’s inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or 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) will declare misprocurement and cancel the portion of the loan allocated to a contract if it 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 or the implementation 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) will sanction a firm or individual, at any time, in accordance with the prevailing Bank’s sanctions procedures,²⁸ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated²⁹;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to

²⁸ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank’s sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

²⁹ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either 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.

The submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

PART 2 – Works Requirements

Section VII - Works Requirements

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Environmental, social, health and safety requirements

SUGGESTED CONTENT FOR AN ENVIRONMENTAL AND SOCIAL POLICY (STATEMENT)

A satisfactory code of conduct will contain obligations on all Contractor's personnel (including sub-contractors and day workers) that are suitable to address the following issues, as a minimum. Additional obligations may be added to respond to particular concerns of the region, the location and the project sector or to specific project requirements. The code of conduct shall contain a statement that the term "child" / "children" means any person(s) under the age of 18 years.

The issues to be addressed include:

1. Compliance with applicable laws, rules, and regulations
2. Compliance with applicable health and safety requirements to protect the local community (including vulnerable and disadvantaged groups), the Employer's and Project Director's personnel, and the Contractor's personnel, including sub-contractors and day workers, (including wearing prescribed personal protective equipment, preventing avoidable accidents and a duty to report conditions or practices that pose a safety hazard or threaten the environment)
3. The use of illegal substances
4. Non-Discrimination in dealing with the local community (including vulnerable and disadvantaged groups), the Employer's and Project Director's personnel, and the Contractor's personnel, including sub-contractors and day workers (for example on the basis of family status, ethnicity, race, gender, religion, language, marital status, age, disability (physical and mental), sexual orientation, gender identity, political conviction or social, civic, or health status)
5. Interactions with the local community(ies), members of the local community (ies), and any affected person(s) (for example to convey an attitude of respect, including to their culture and traditions)
6. Sexual harassment (for example to prohibit use of language or behavior, in particular towards women and/or children, that is inappropriate, harassing, abusive, sexually provocative, demeaning or culturally inappropriate)
7. Violence including sexual and/or gender based violence (for example acts that inflict physical, mental or sexual harm or suffering, threats of such acts, coercion, and deprivation of liberty)
8. Exploitation including sexual exploitation and abuse (for example the prohibition of the exchange of money, employment, goods, or services for sex, including sexual favors or other forms of humiliating, degrading behavior, exploitative behavior or abuse of power)
9. Protection of children (including prohibitions against sexual activity or abuse, or otherwise unacceptable behavior towards children, limiting interactions with children, and ensuring their safety in project areas)
10. Sanitation requirements (for example, to ensure workers use specified sanitary facilities provided by their employer and not open areas)
11. Avoidance of conflicts of interest (such that benefits, contracts, or employment, or any sort of preferential treatment or favors, are not provided to any person with whom there is a financial, family, or personal connection)
12. Respecting reasonable work instructions (including regarding environmental and social norms)
13. Protection and proper use of property (for example, to prohibit theft, carelessness or waste)
14. Duty to report violations of this Code
15. Non retaliation against workers who report violations of the Code, if that report is made in good faith.

The Code of Conduct should be written in plain language and signed by each worker to indicate that they have:

- received a copy of the code;
- had the code explained to them;
- acknowledged that adherence to this Code of Conduct is a condition of employment; and
- Understood that violations of the Code can result in serious consequences, up to and including dismissal, or referral to legal authorities.

A copy of the code shall be displayed in a location easily accessible to the community and project affected people. It shall be provided in languages comprehensible to the local community, Contractor's personnel (including sub-contractors and day workers), Employer's and Project Director's personnel, and affected persons.

PAYMENT FOR ESHS REQUIREMENTS

Drawings

(Attached in Detailed cost estimate technically sanctioned by competent authority from C&W Department)

List of Drawings		
Lot-1	Drawing Name	Purpose
1.	Rehabilitation / Improvement of road from Kallar Kahar to Manara District Boundary Chakwal Length = 28.00 Km District Chakwal.	For Vendor Facilitation, a Soft copy of Drawing against each lot is uploaded on PMU-PTEGP Website
2.	Rehabilitation / Improvement of Metalled Road from Lahore-Sheikhupura-Sargodha road to Gurdwara Sucha Soda length = 1.00 km in district Sheikhupura.	
3.	Rehabilitation/ Improvement of Metalled Road from Lahore -Sheikhupura-Sargodha Road to Mariumabad Length 4.10 km (right side of canal) in District Sheikhupura.	

PART 3 – Conditions of Contract and Contract Forms

Time Based Contract

Section VIII. General Conditions of Contract

These General Conditions of Contract (GCC), read in conjunction with the Particular Conditions of Contract (PCC) and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties.

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General Conditions of Contract

A. General

1. Definitions

- 1.1 Boldface type is used to identify defined terms.
- (a) The Accepted Contract Amount means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.
 - (b) The Activity Schedule is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump sum contract. It includes a lump sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.
 - (c) The Adjudicator is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in GCC 23.
 - (d) Bank means the financing institution **named in the PCC**.
 - (e) Bill of Quantities means the priced and completed Bill of Quantities forming part of the Bid.
 - (f) Compensation Events are those defined in GCC Clause 42 hereunder.
 - (g) The Completion Date is the date of completion of the Works as certified by the Project Director, in accordance with GCC Sub-Clause 53.1.
 - (h) The Contract is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.
 - (i) The Contractor is the party whose Bid to carry out the Works has been accepted by the Employer.
 - (j) The Contractor's Bid is the completed bidding document submitted by the Contractor to the Employer.
 - (k) The Contract Price is the Accepted Contract Amount stated in the Letter of Acceptance and thereafter as adjusted in accordance with the Contract.
 - (l) Days are calendar days; months are calendar months.

- (m) Day works are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
- (n) A Defect is any part of the Works not completed in accordance with the Contract.
- (o) The Defects Liability Certificate is the certificate issued by Project Director upon correction of defects by the Contractor.
- (p) The Defects Liability Period is the period **named in the PCC** pursuant to Sub-Clause 34.1 and calculated from the Completion Date.
- (q) Drawings means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract, include calculations and other information provided or approved by the Project Director for the execution of the Contract.
- (r) The Employer is the party who employs the Contractor to carry out the Works, **as specified in the PCC**.
- (s) Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (t) "In writing" or "written" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
- (u) The Initial Contract Price is the Contract Price listed in the Employer's Letter of Acceptance.
- (v) The Intended Completion Date is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is **specified in the PCC**. The Intended Completion Date may be revised only by the Project Director by issuing an extension of time or an acceleration order.
- (w) Materials are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (x) Plant is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
- (y) The Project Director is the person **named in the PCC** (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the

Project Director) who is responsible for supervising the execution of the Works and administering the Contract.

(z) PCC means Particular Conditions of Contract. (aa)

The Site is the area **defined as such in the PCC**.

(bb) Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

(cc) Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Director.

(dd) The Start Date is **given in the PCC**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

(ee) A Subcontractor is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.

(ff) Temporary Works are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.

(gg) A Variation is an instruction given by the Project Director which varies the Works.

(hh) The Works are what the Contract requires the Contractor to construct, install, and turn over to the Employer, **as defined in the PCC**.

2. Interpretation

2.1 In interpreting these GCC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Director shall provide instructions clarifying queries about these GCC.

2.2 If sectional completion is **specified in the PCC**, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

- 2.3 The documents forming the Contract shall be interpreted in the following order of priority:
- (a) Agreement,
 - (b) Letter of Acceptance,
 - (c) Contractor’s Bid,
 - (d) Particular Conditions of Contract,
 - (e) General Conditions of Contract, including Appendices,
 - (f) Specifications,
 - (g) Drawings,
 - (h) Bill of Quantities,³⁰ and
 - (i) Any other document **listed in the PCC** as forming part of the Contract.
- 3. Language and Law**
- 3.1 The language of the Contract and the law governing the Contract are **stated in the PCC**.
- 3.2 Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Employer’s country when
- (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.
- 4. Project Director’s Decisions**
- 4.1 Except where otherwise specifically stated, the Project Director shall decide contractual matters between the Employer and the Contractor in the role representing the Employer.
- 5. Delegation**
- 5.1 Otherwise **specified in the PCC**, the Project Director may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may revoke any delegation after notifying the Contractor.
- 6. Communications**
- 6.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is delivered.

³⁰ In lump sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

- 7. Subcontracting** 7.1 The Contractor may subcontract with the approval of the Project Director, but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.
- 8. Other Contractors** 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as **referred to in the PCC**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.
- 9. Personnel and Equipment** 9.1 The Contractor shall employ the key personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Director. The Project Director shall approve any proposed replacement of key personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.
- 92 If the Project Director asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.
- 93 If the Employer, Project Director or Contractor determines, that any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with Clause 9.2 above.
- 10. Employer's and Contractor's Risks** 10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.
- 11. Employer's Risks** 11.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:
- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to
 - (i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or

(ii) Negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.

(b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

11.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to

- (a) a Defect which existed on the Completion Date,
- (b) an event occurring before the Completion Date, which was not itself an Employer's risk, or
- (c) The activities of the Contractor on the Site after the Completion Date.

12. Contractor's Risks

12.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks.

13. Insurance

13.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles **stated in the PCC** for the following events which are due to the Contractor's risks:

- (a) loss of or damage to the Works, Plant, and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- (d) Personal injury or death.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Director for the Project Director's approval before the Start Date. All such insurance shall provide

For compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

- 13.3 If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
- 13.4 Alterations to the terms of an insurance shall not be made without the approval of the Project Director.
- 13.5 Both parties shall comply with any conditions of the insurance policies.
- 14. Site Data** 14.1 The Contractor shall be deemed to have examined any Site Data **referred to in the PCC**, supplemented by any information available to the Contractor.
- 15. Contractor to Construct the Works** 15.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.
- 16. The Works to Be Completed by the Intended Completion Date** 16.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Director, and complete them by the Intended Completion Date.
- 17. Approval by the Project Director** 17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Director, for his approval.
- 17.2 The Contractor shall be responsible for design of Temporary Works.
- 17.3 The Project Director's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 17.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
- 17.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Director before this use.

- 18. Safety and Protection of the Environment**
- 18.1 The Contractor shall be responsible for the safety of all activities on the Site.
- 18.2 Contractor shall take all reasonable steps to protect the environment (both on and off the Site) and to limit damage and nuisance to people and property resulting from pollution, noise and other results of his operations.
- 19. Discoveries**
- 19.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Project Director of such discoveries and carry out the Project Director's instructions for dealing with them.
- 20. Possession of the Site**
- 20.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date **stated in the PCC**, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.
- 21. Access to the Site**
- 21.1 The Contractor shall allow the Project Director and any person authorized by the Project Director access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 22. Instructions, Inspections and Audits**
- 22.1 The Contractor shall carry out all instructions of the Project Director which comply with the applicable laws where the Site is located.
- 22.2 The Contractor shall keep, and shall make all reasonable efforts to cause its Subcontractors and sub consultants to keep, accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs.
- 22.3 The Contractor shall permit and shall cause its Subcontractors and sub consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Contractor's and its Subcontractors' and sub consultants' attention is drawn to Sub-Clause 25.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under Sub-Clause 22.2 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing Sanctions procedures).

- 23. Appointment of the Adjudicator**
- 23.1 The Adjudicator shall be appointed jointly by the Employer and the Contractor, at the time of the Employer’s issuance of the Letter of Acceptance. If, in the Letter of Acceptance, the Employer does not agree on the appointment of the Adjudicator, the Employer will request the Appointing Authority **designated in the PCC**, to appoint the Adjudicator within 14 days of receipt of such request.
- 23.2 Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority **designated in the PCC** at the request of either party, within 14 days of receipt of such request.
- 24. Procedure for Disputes**
- 24.1 If the Contractor believes that a decision taken by the Project Director was either outside the authority given to the Project Director by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 14 days of the notification of the Project Director’s decision.
- 24.2 The Adjudicator shall give a decision in writing within 28 days of receipt of a notification of a dispute.
- 24.3 The Adjudicator shall be paid by the hour at the **rate specified in the PCC**, together with reimbursable expenses of the types **specified in the PCC**, and the cost shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 28 days of the Adjudicator’s written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator’s decision shall be final and binding.
- 24.4** The arbitration shall be conducted in accordance with the arbitration procedures published by the institution named and in the place **specified in the PCC**.
- 25. Corrupt and Fraudulent Practices**
- 25.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix A to the GCC.
- 25.2 The Employer requires the Contractor 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.

B. Time Control

26. Program

- 26.1 Within the time **stated in the PCC**, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Director for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump sum contract, the activities in the Program shall be consistent with those in the Activity Schedule.
- 26.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 26.3 The Contractor shall submit to the Project Director for approval an updated Program at intervals no longer than the period **stated in the PCC**. If the Contractor does not submit an updated Program within this period, the Project Director may withhold the amount **stated in the PCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In the case of a lump sum contract, the Contractor shall provide an updated Activity Schedule within 14 days of being instructed to by the Project Director.
- 26.4 The Project Director's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Director again at any time. A revised Program shall show the effect of Variations and Compensation Events.

27. Extension of the Intended Completion Date

- 27.1 The Project Director shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.
- 27.2 The Project Director shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Director for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a

Delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

- 28. Acceleration**
- 28.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Director shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor.
- 28.2 If the Contractor's priced proposals for an acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation.
- 29. Delays Ordered by the Project Director**
- 29.1 The Project Director may instruct the Contractor to delay the start or progress of any activity within the Works.
- 30. Management Meetings**
- 30.1 Either the Project Director or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 30.2 The Project Director shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Director either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.
- 31. Early Warning**
- 31.1 The Contractor shall warn the Project Director at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Project Director may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 31.2 The Contractor shall cooperate with the Project Director in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction Of the Project Director.

C. Quality Control

- 32. Identifying Defects** 32.1 The Project Director shall check the Contractor’s work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor’s responsibilities. The Project Director may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Director considers may have a Defect.
- 33. Tests** 33.1 If the Project Director instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.
- 34. Correction of Defects** 34.1 The Project Director shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is **defined in the PCC**. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 34.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Director’s notice.
- 35. Uncorrected Defects** 35.1 If the Contractor has not corrected a Defect within the time specified in the Project Director’s notice, the Project Director shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

- 36. Contract Price³¹** 36.1 The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.
- 37. Changes in the Contract Price³²** 37.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial

³¹ In lump sum contracts, replace GCC Sub-Clauses 36.1 as follows:

36.1 The Contractor shall provide updated Activity Schedules within 14 days of being instructed to by the Project Director. The Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for materials on site shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule.

³² In lump sum contracts, replace entire GCC Clause 37 with new GCC Sub-Clause 37.1, as follows:

Contract Price, the Project Director shall adjust the rate to allow for the change. The Project Director shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.

37.2 If requested by the Project Director, the Contractor shall provide the Project Director with a detailed cost breakdown of any rate in the Bill of Quantities.

38. Variations

38.1 All Variations shall be included in updated Programs³³ produced by the Contractor.

38.2 The Contractor shall provide the Project Director with a quotation for carrying out the Variation when requested to do so by the Project Director. The Project Director shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Director and before the Variation is ordered.

38.3 If the Contractor's quotation is unreasonable, the Project Director may order the Variation and make a change to the Contract Price, which shall be based on the Project Director's own forecast of the effects of the Variation on the Contractor's costs.

38.4 If the Project Director decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

38.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

38.6 If the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Director, the quantity of work above the limit stated in Sub-Clause 39.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for The relevant items of work.³⁴

37.1 The Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

³³ In lump sum contracts, add "and Activity Schedules" after "Programs."

³⁴ In lump sum contracts, delete this paragraph.

39. Cash Flow Forecasts

39.1 When the Program,³⁵ is updated, the Contractor shall provide the Project Director with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

40. Payment Certificates

40.1 The Contractor shall submit to the Project Director monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

40.2 The Project Director shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

40.3 The value of work executed shall be determined by the Project Director.

40.4 The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed.³⁶

40.5 The value of work executed shall include the valuation of Variations and Compensation Events.

40.6 The Project Director may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

41. Payments

41.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Director within 28 days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made.

41.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of Dispute.

³⁵ In lump sum contracts, add "or Activity Schedule" after "Program."

³⁶ In lump sum contracts, replace this paragraph with the following: "The value of work executed shall comprise the value of completed activities in the Activity Schedule."

41.3 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.

41.4 Items of the Works for which no rate or price has been entered in shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

**42. Compensation
Events**

42.1 The following shall be Compensation Events:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to GCC Sub-Clause 20.1.
- (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
- (c) The Project Director orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
- (d) The Project Director instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
- (e) The Project Director unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to bidders (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.
- (g) The Project Director gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
- (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
- (I) The advance payment is delayed.
- (j) The effects on the Contractor of any of the Employer's Risks.
- (k) The Project Director unreasonably delays issuing a Certificate of Completion.

422 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Director shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

423 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Director, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Director shall adjust the Contract Price based on the Project Director's own forecast. The Project Director shall assume that the Contractor shall react competently and promptly to the event.

424 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Director.

43. Tax

43.1 The Project Director shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 28 days before the submission of bids for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC Clause 44.

44. Currencies

44.1 Where payments are made in currencies other than the currency of the Employer's country **specified in the PCC**, the exchange rates used for calculating the amounts to be paid shall be the exchange rates stated in the Contractor's Bid.

45. Price Adjustment

45.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the PCC**. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type specified below applies to each Contract currency:

$$P_c = A_c + B_c I_{mc}/I_{oc}$$

where:

P_c is the adjustment factor for the portion of the Contract Price payable in a specific currency “c.”

A_c and B_c are coefficients³⁷ **specified in the PCC**, representing the nonadjustable and adjustable portions, respectively, of the Contract Price payable in that specific currency “c;” and

I_{mc} is the index prevailing at the end of the month being invoiced and I_{oc} is the index prevailing 28 days before Bid opening for inputs payable; both in the specific currency “c.”

45.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

46. Retention

46.1 The Employer shall retain from each payment due to the Contractor the proportion **stated in the PCC** until Completion of the whole of the Works.

46.2 Upon the issue of a Certificate of Completion of the Works by the Project Director, in accordance with GCC 51.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Director has certified that all Defects notified by the Project Director to the Contractor before the end of this period have been corrected. The Contractor may substitute retention money with an “on demand” Bank guarantee.

47. Liquidated Damages

47.1 The Contractor shall pay liquidated damages to the Employer at the rate per day **stated in the PCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the PCC**. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor’s liabilities.

47.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Director shall correct any Overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest

³⁷ The sum of the two coefficients A_c and B_c should be 1 (one) in the formula for each currency. Normally, both coefficients shall be the same in the formulae for all currencies, since coefficient A, for the nonadjustable portion of the payments, is a very approximate figure (usually 0.15) to take account of fixed cost elements or other nonadjustable components. The sum of the adjustments for each currency are added to the Contract Price.

On the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Sub-Clause 41.1.

48. Bonus

48.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the PCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Director shall certify that the Works are complete, although they may not be due to be complete.

49. Advance Payment

49.1 The Employer shall make advance payment to the Contractor of the amounts **stated in the PCC** by the date **stated in the PCC**, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.

49.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Director.

49.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

50. Securities

50.1 The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount **specified in the PCC**, by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue Of the Completion Certificate in the case of a Performance Bond.

- 51. Day works**
- 51.1 If applicable, the Day works rates in the Contractor’s Bid shall be used only when the Project Director has given written instructions in advance for additional work to be paid for in that way.
- 51.2 All work to be paid for as Day works shall be recorded by the Contractor on forms approved by the Project Director. Each completed form shall be verified and signed by the Project Director within two days of the work being done.
- 51.3 The Contractor shall be paid for Day works subject to obtaining signed Day works forms.

- 52. Cost of Repairs**
- 52.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor’s cost if the loss or damage arises from the Contractor’s acts or omissions.

E. Finishing the Contract

- 53. Completion**
- 53.1 The Contractor shall request the Project Director to issue a Certificate of Completion of the Works, and the Project Director shall do so upon deciding that the whole of the Works is completed.

- 54. Taking Over**
- 54.1 The Employer shall take over the Site and the Works within seven days of the Project Director’s issuing a certificate of Completion.

- 55. Final Account**
- 55.1 The Contractor shall supply the Project Director with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Director shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 56 days of receiving the Contractor’s account if it is correct and complete. If it is not, the Project Director shall issue within 56 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Director shall decide on the amount payable to the Contractor and issue a payment certificate.

- 56. Operating and Maintenance Manuals**
- 56.1** If “as built” Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates **stated in the PCC**.
- 56.2 If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the PCC** pursuant to GCC Sub-Clause 56.1, or they do not receive the Project Director’s approval, the Project Director shall withhold the amount **stated in the PCC** from Payments due to the Contractor.

57. Termination

57.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

57.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- (a) the Contractor stops work for 28 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Director;
- (b) the Project Director instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 28 days;
- (c) the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (d) a payment certified by the Project Director is not paid by the Employer to the Contractor within 84 days of the date of the Project Director's certificate;
- (e) the Project Director gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Director;
- (f) the Contractor does not maintain a Security, which is required;
- (g) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as **defined in the PCC**; or
- (h) If the Contractor, in the judgment of the Employer, has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Client may, after giving fourteen (14) days written notice to the Contractor, terminate the Contract and expel him from the Site.

57.3 When either party to the Contract gives notice of a breach of Contract to the Project Director for a cause other than those listed under GCC Sub-Clause 56.2 above, the Project Director shall decide whether the breach is fundamental or not.

57.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

- 57.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.
- 58. Payment upon Termination**
- 58.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Director shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as **specified in the PCC**. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.
- 58.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Director shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.
- 59. Property**
- 59.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default.
- 60. Release from Performance**
- 60.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Director shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.
- 61. Suspension of Bank Loan or Credit**
- 61.1 In the event that the Bank suspends the Loan or Credit to the Employer, from which part of the payments to the Contractor are being made:
- (a) The Employer is obligated to notify the Contractor of such suspension within 7 days of having received the Bank's suspension notice.
 - (b) If the Contractor has not received sums due it within the 28 days for payment provided for in Sub-Clause 40.1, the Contractor may Immediately issue a 14-day termination notice.
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APPENDIX A

TO GENERAL CONDITIONS

Bank’s Policy- Corrupt and Fraudulent Practices

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption:

1.16 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.³⁸ In pursuance of this policy, 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;³⁹
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;⁴⁰
 - (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;⁴¹
 - (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;⁴²

³⁸ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

³⁹ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

⁴⁰ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

⁴¹ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

⁴² For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (v) “obstructive practice” is
- (aa) 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
 - (bb) acts intended to materially impede the exercise of the Bank’s inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or 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) will declare misprocurement and cancel the portion of the loan allocated to a contract if it 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 or the implementation 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) will sanction a firm or individual, at any time, in accordance with the prevailing Bank’s sanctions procedures,⁴³ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated⁴⁴;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to

⁴³ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank’s sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

⁴⁴ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either 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.

The submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

APPENDIX B

Environmental, Social, Health and Safety (ESHS)

Metrics for Progress Reports

Metrics for regular reporting:

- a. *environmental incidents or non-compliances with contract requirements, including contamination, pollution or damage to ground or water supplies;*
- b. *health and safety incidents, accidents, injuries and all fatalities that require treatment;*
- c. *interactions with regulators: identify agency, dates, subjects, outcomes (report the negative if none);*
- d. *status of all permits and agreements:*
 - i. *work permits: number required, number received, actions taken for those not received;*
 - ii. *status of permits and consents:*
 - *List areas/facilities with permits required (quarries, asphalt & batch plants), dates of application, dates issued (actions to follow up if not issued), dates submitted to resident engineer (or equivalent), status of area (waiting for permits, working, abandoned without reclamation, decommissioning plan being implemented, etc.);*
 - *list areas with landowner agreements required (borrow and spoil areas, camp sites), dates of agreements, dates submitted to resident engineer (or equivalent);*
 - *identify major activities undertaken in each area in the reporting period and highlights of environmental and social protection (land clearing, boundary marking, topsoil salvage, traffic management, decommissioning planning, decommissioning implementation);*
 - *For quarries: status of relocation and compensation (completed, or details of activities and current status in the reporting period).*
- e. *health and safety supervision:*
 - i. *safety officer: number days worked, number of full inspections & partial inspections, reports to construction/project management;*

- ii. number of workers, work hours, metric of PPE use (percentage of workers with full personal protection equipment (PPE), partial, etc.), worker violations observed (by type of violation, PPE or otherwise), warnings given, repeat warnings given, follow-up actions taken (if any);
- f. worker accommodations:*
- i. number of expats housed in accommodations, number of locals;
 - ii. date of last inspection, and highlights of inspection including status of accommodations' compliance with national and local law and good practice, including sanitation, space, etc.;
 - iii. Actions taken to recommend/require improved conditions, or to improve conditions.
- g. HIV/AIDS: provider of health services, information and/or training, location of clinic, number of non-safety disease or illness treatments and diagnoses (no names to be provided);*
- h. gender (for expats and locals separately): number of female workers, percentage of workforce, gender issues raised and dealt with (cross-reference grievances or other sections as needed);*
- i. training:*
- i. number of new workers, number receiving induction training, dates of induction training;
 - ii. number and dates of toolbox talks, number of workers receiving Occupational Health and Safety (OHS), environmental and social training;
 - iii. Number and dates of HIV/AIDS sensitization and/or training, no. workers receiving training (this reporting period and in the past); same questions for gender sensitization, flag person training.
 - iv. number and date of GBV /SEA sensitization and/or training, number of workers receiving training on code of conduct (in the reporting period and in the past), etc.
- j. environmental and social supervision:*
- i. environmentalist: days worked, areas inspected and numbers of inspections of each (road section, work camp, accommodations, quarries, borrow areas, spoil areas, swamps, forest crossings, etc.), highlights of activities/findings (including violations of environmental and/or social best practices, actions taken), reports to environmental and/or social specialist/construction/site management;
 - ii. sociologist: days worked, number of partial and full site inspections (by area: road section, work camp, accommodations, quarries, borrow areas, spoil areas, clinic, HIV/AIDS center, community centers, etc.), highlights of activities (including violations of environmental and/or social requirements observed, actions taken),

Reports to environmental and/or social specialist/construction/site management;
and

- iii. Community liaison person(s): days worked (hours community center open), number of people met, highlights of activities (issues raised, etc.), reports to environmental and/or social specialist /construction/site management.
- k. *Grievances*: list new grievances (e.g. allegations of GBV / SEA) received in the reporting period and unresolved past grievances by date received, complainant, how received, to whom referred to for action, resolution and date (if completed), data resolution reported to complainant, any required follow-up (Cross-reference other sections as needed):
 - i. Worker grievances;
 - ii. Community grievances
- l. *Traffic and vehicles/equipment*:
 - i. traffic accidents involving project vehicles & equipment: provide date, location, damage, cause, follow-up;
 - ii. accidents involving non-project vehicles or property (also reported under immediate metrics): provide date, location, damage, cause, follow-up;
 - iii. Overall condition of vehicles/equipment (subjective judgment by environmentalist); non-routine repairs and maintenance needed to improve safety and/or environmental performance (to control smoke, etc.).
- m. *Environmental mitigations and issues (what has been done)*:
 - i. dust: number of working bowsers, number of watering/day, number of complaints, warnings given by environmentalist, actions taken to resolve; highlights of quarry dust control (covers, sprays, operational status); % of rock/spoil lorries with covers, actions taken for uncovered vehicles;
 - ii. erosion control: controls implemented by location, status of water crossings, environmentalist inspections and results, actions taken to resolve issues, emergency repairs needed to control erosion/sedimentation;
 - iii. quarries, borrow areas, spoil areas, asphalt plants, batch plants: identify major activities undertaken in the reporting period at each, and highlights of environmental and social protection: land clearing, boundary marking, topsoil salvage, traffic management, decommissioning planning, decommissioning implementation;
 - iv. blasting: number of blasts (and locations), status of implementation of blasting plan (including notices, evacuations, etc.), incidents of off-site damage or complaints (cross-reference other sections as needed);

- v. spill cleanups, if any: material spilled, location, amount, actions taken, material disposal (report all spills that result in water or soil contamination);
 - vi. waste management: types and quantities generated and managed, including amount taken offsite (and by whom) or reused/recycled/disposed on-site;
 - vii. details of tree plantings and other mitigations required undertaken in the reporting period;
 - viii. Details of water and swamp protection mitigations required undertaken in the reporting period.
- n. compliance:*
- i. compliance status for conditions of all relevant consents/permits, for the Work, including quarries, etc.): statement of compliance or listing of issues and actions taken (or to be taken) to reach compliance;
 - ii. compliance status of C-ESMP/ESIP requirements: statement of compliance or listing of issues and actions taken (or to be taken) to reach compliance
 - iii. compliance status of GBV/SEA prevention and response action plan: statement of compliance or listing of issues and actions taken (or to be taken) to reach compliance
 - iv. compliance status of Health and Safety Management Plan re: statement of compliance or listing of issues and actions taken (or to be taken) to reach compliance
 - v. Other unresolved issues from previous reporting periods related to environmental and social: continued violations, continued failure of equipment, continued lack of vehicle covers, spills not dealt with, continued compensation or blasting issues, etc. Cross-reference other sections as needed.

Section IX. Particular Conditions of Contract

Except where otherwise specified, all PCC should be filled in by the Employer prior to issuance of the Bidding Documents. Schedules and reports to be provided by the Employer should be annexed.

A. General	
GCC 1.1 (d)	The financing institution is: World Bank
GCC 1.1 (s)	The Employer is Punjab Tourism For Economic Growth Project (PTEGP) through its Project Director.
GCC 1.1 (v)	The Intended Completion Date for the whole of the Works listed at serial # 1 will be 18 Months and serial # 2 & 3 shall be 12 months.
GCC 1.1 (y)	The Project Director is Mr. Waqas Malik – Project Director PTEGP Address: 175-A Upper Mall Scheme Lahore.
GCC 1.1 (aa)	The Sites are located at Sheikhpura & Chakwal districts in Punjab Province
GCC 1.1 (dd)	The Start Date shall be : Within seven (07) day from the signing of contract
GCC 1.1 (hh)	The Works consist of Re-Construction/Rehabilitation & Improvement of Roads in Punjab.
GCC 1.1 (ii)	The following is added as GCC 1.1. (ii) “ESHS” means environmental, social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), health and safety.
GCC 2.2	Sectional Completions are not acceptable
GCC 2.3(i)	The following documents also form part of the Contract: the ESHS Management Strategies and Implementation Plans; and Code of Conduct (ESHS).
GCC 3.1	The language of the contract is English The law that applies to the Contract is the law of Islamic Republic of Pakistan which includes the following legislations;

	<p>The Employment of Children (ECA) Act 1991</p> <p>The Bonded Labor System (Abolition) Act of 1992</p> <p>The Factories Act 1934</p> <p>Latest legislation of the Acts shall be applicable</p>
GCC 5.1	The Project Director <i>may</i> delegate any of his duties and responsibilities.
GCC 8.1	Schedule of other contractors: <i>[insert Schedule of Other Contractors, if appropriate]</i>
GCC 9.1	<p>Key Personnel</p> <p>GCC 9.1 is replaced with the following:</p> <p>9.1 Key Personnel are the Contractor’s personnel named in this GCC 9.1 of the Particular Conditions of Contract. The Contractor shall employ the Key Personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Director. The Project Director shall approve any proposed replacement of Key Personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.</p> <p>[Insert the name/s of each Key Personnel agreed by the Employer prior to Contract signature.]</p>
GCC 9.2	<p>Code of Conduct (ESHS)</p> <p>The following is inserted at the end of GCC 9.2:</p> <p>“The reasons to remove a person include behavior which breaches the Code of Conduct (ESHS) (e.g. spreading communicable diseases, sexual harassment, and gender based violence, (GBV), sexual exploitation or abuse, illicit activity or crime).”</p>
GCC 13.1	<p>The minimum insurance amounts and deductibles shall be:</p> <p>(a) For loss or damage to the Works, Plant and Materials: 10% of Contract Price.</p> <p>(b) For loss or damage to Equipment: is the replacement cost of the equipment.</p> <p>(c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract: Cost of the property</p>

	<p>(d) for personal injury or death:</p> <p>(i) Of the Contractor's employees: is as required by the law of Pakistan including, for example, the Workmen's Compensation Act.</p> <p>(ii) Of other people: Rs: 300,000 per event.</p> <p>With reputed insurer and in terms approved by the Project Director.</p> <p>For fulfilling his obligations under Sub-Clauses, the Contractor shall be reimbursed on a prime cost basis the actual amount of premium paid by the Contractor for providing the required insurance. The Contractor's overhead costs, profits and all other costs incidental to providing the specified insurance in the Bill of Quantities and no separate payment on this account will be made by the Project Director.</p> <p>The Insurance Company shall have financial strength rating outlook AA with PACRA (The Pakistan Credit Rating Agency) or ICR-VIS (Affiliation of Japan Credit Rating Agency).</p> <p>The Insurance Company shall submit their financial highlights.</p>
GCC 14.1	Site Data are: as per instruction given on the copy of drawings and Technically approved cost estimates
GCC 16.1 (add new 16.2)	<p>ESHS Management Strategies and Implementation Plans</p> <p>The following is inserted as a new sub-clause 16.2:</p> <p>"16.2 The Contractor shall not carry out any Works, including mobilization and/or pre-construction activities (e.g. limited clearance for haul roads, site accesses and work site establishment, geotechnical investigations or investigations to select ancillary features such as quarries and borrow pits), unless the Project Director is satisfied that appropriate measures are in place to address environmental, social, health and safety risks and impacts. At a minimum, the Contractor shall apply the Management Strategies and Implementation Plans and Code of Conduct, submitted as part of the Bid and agreed as part of the Contract. The Contractor shall submit, on a continuing basis, for the Project Director's prior approval, such supplementary Management Strategies and Implementation Plans as are necessary to manage the ESHS risks and impacts of ongoing works. These Management Strategies and Implementation Plans collectively comprise the Contractor's Environmental and Social Management Plan (C-ESMP). The C-ESMP shall be approved prior to the commencement of construction activities (e.g. excavation, earth works, bridge and structure works, Stream and road diversions, quarrying or extraction of materials, concrete batching and asphalt manufacture). The approved C-</p>

	ESMP shall be reviewed, periodically (but not less than every six (6) months), and updated in a timely manner, as required, by the Contractor to ensure that it contains measures appropriate to the Works activities to be undertaken. The updated C-ESMP shall be subject to prior approval by the Project Director.”
GCC 20.1	1- The Site Possession Date(s) shall be: Within Thirty (30) days after issuance of the Letter of Acceptance/Award of Notification. 2- The Site for Lot –I will be handed over partially in two (02) stages.
GCC 23.1 & GCC 23.2	Appointing Authority for the Adjudicator: Registrar Pakistan Engineering council Lahore Office
GCC 24.3	Hourly rate and types of reimbursable expenses to be paid to the Adjudicator: Fee per hour as decided by Registrar – PEC Lahore Office Reimbursable expenses: Travel eg air/taxi fare Accommodation Subsistence
GCC 24.4	Institution whose arbitration procedures shall be used: is the Court of Law of Pakistan The place of arbitration shall be: Lahore - Pakistan
B. Time Control	
GCC 26.1	The Contractor shall submit for approval a Program for the Works within 28 days from the date of the Letter of Acceptance.
GCC 26.2	ESHS Reporting Inserted at the end of GCC 26.2 “In addition to the progress report the Contractor shall also provide a report on the Environmental, Social, Health and Safety (ESHS) metrics set out in Appendix B. In addition to Appendix B reports, the Contractor shall also provide immediate notification to the Project Director of incidents in the following categories. Full details of such incidents shall be provided to the Project Director within the timeframe agreed with the Project Director. (a) confirmed or likely violation of any law or international agreement; (b) any fatality or serious (lost time) injury;

	<p>(c) significant adverse effects or damage to private property (e.g. vehicle accident, damage from fly rock, working beyond the boundary)</p> <p>(d) major pollution of drinking water aquifer or damage or destruction of rare or endangered habitat (including protected areas) or species; or</p> <p>(e) Any allegation of gender based violence (GBV), sexual exploitation or abuse, sexual harassment or sexual misbehavior, rape, sexual assault, child abuse, or defilement, or other violations involving children.</p>
GCC 26.3	<p>The period between Program updates is Sixty (60) days after commencement of works.</p> <p>The amount to be withheld for late submission of an updated Program is PKR 20,000/-.</p>
C. Quality Control	
GCC 34.1	The Defects Liability Period is: 365 days.
D. Cost Control	
GCC 38.2	<p>At the end of 38.2 add after the first sentence:</p> <p>“The Contractor shall also provide information of any ESHS risks and impacts of the Variation.”</p>
GCC 40	<p>Add new GCC 40.7:</p> <p>“40.7 if the Contractor was, or is, failing to perform any ESHS obligations or work under the Contract, the value of this work or obligation, as determined by the Project Director, may be withheld until the work or obligation has been performed, and/or the cost of rectification or replacement, as determined by the Project Director, may be withheld until rectification or replacement has been completed. Failure to perform includes, but is not limited to the following:</p> <p>(i) failure to comply with any ESHS obligations or work described in the Works’ Requirements which may include: working outside site boundaries, excessive dust, failure to keep public roads in a safe usable condition, damage to offsite vegetation, pollution of water courses from oils or sedimentation, contamination of land e.g. from oils, human waste, damage to archeology or cultural heritage features, air pollution as a result of unauthorized and/or inefficient combustion;</p>

	<ul style="list-style-type: none"> (ii) failure to regularly review C-ESMP and/or update it in a timely manner to address emerging ESHS issues, or anticipated risks or impacts; (iii) failure to implement the C-ESMP e.g. failure to provide required training or sensitization; (iv) failing to have appropriate consents/permits prior to undertaking Works or related activities; (v) failure to submit ESHS report/s (as described in Appendix C), or failure to submit such reports in a timely manner; (vi) Failure to implement remediation as instructed by the Engineer within the specified timeframe (e.g. remediation addressing non-compliance/s). (vii) Environmental and Social Management Plan (ESMP) detail is attached.
GCC 44.1	The currency of the Employer’s country is: PKR
GCC 45.1	<p>45.1 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the PCC. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type specified below applies to each Contract currency:</p> $P_n = A_n + B_n CW_n/CW_o$ <p>where:</p> <p>P_n is the adjustment factor to be applied to the estimated contract value in Pakistani Rupees (PKR) of the work carried out in a period “n”, this period being a month.</p> <p>A_n is non-adjustable coefficient for a period “n”, this period being a month, which includes profit and overhead, indirect cost, equipment, and also the estimated “normal” escalation in construction cost (based on the preceding</p>

year's price escalation trend) which may have already been built into the contractor's fixed price bid.

B_n is adjustable coefficient for a period "n" this period being a month, reflecting the approximate proportion of construction material costs in construction works. The values of these coefficients are specified in the PCC. "C_{Wn}" is the current cost index for the period/month "n" (to which the particular Payment Certificate relates); and

"C_{Wo}" is the base cost index applicable on the date 28 days prior to the bid submission deadline date.

45.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

The Contract is subject to price adjustment in accordance with GCC Clause 45, and the following information regarding coefficients does apply.

The coefficients for adjustment of prices are:

- (a) For currency [Pakistani Rupees]:
 - (i) 50 percent non-adjustable coefficient A_n.
 - (ii) 50 percent adjustable coefficient B_n.

(b) The source for determining the base cost index (C_{Wo}) and current cost index (C_{Wn}) will be the official monthly cost index for CPI "Construction Input Items" published by the Pakistan Bureau of Statistics (PBS) through the "Monthly Review of Price Indices". Depending on the location of construction site, either the index of "construction input items" under the CPI (urban) or CPI (rural) should be selected. All the historical publications are available at <https://www.pbs.gov.pk/content/price-statistics>.

GCC 46.1	The proportion of payments retained is: 5%
GCC 47.1	The liquidated damages for the whole of the Works are 0.1% <i>percentage of the final Contract Price</i> per day. The maximum amount of liquidated damages for the whole of the Works is 10% of the final Contract Price.
GCC 48.1	The Bonus for the whole of the Works is nil per day. The maximum amount of Bonus for the whole of the Works is nil of the final Contract Price.
GCC 49.1	The Advance Payments shall be: 10% of the Contract Price and shall be paid to the Contractor no later than 28 days after fulfillment of the requirements of clause 50.1.
GCC 50.1	An Environmental, Social, Safety and Health (ESHS) Performance Security ' <i>shall not</i> ' be provided to the Employer.

GCC 50.1	<p>The Performance Security amount is</p> <p>(a) Performance Security – Bank Guarantee: 5 percent of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.</p> <p><i>[A Bank Guarantee shall be unconditional (on demand) (see Section X, Contract Forms).</i></p>
	<p>E. Finishing the Contract</p>
GCC 56.1	<p>Delete the words “operating and maintenance manuals”</p> <p>The date by which “as built” drawings are required is fifteen (15) days after issuance of the Certificate of Completion of the Works.</p>
GCC 56.2	<p>The amount to be withheld for failing to produce “as built” drawings is 1% of the Contract Price as stated in the Letter of Acceptance.</p>
GCC 57.2 (g)	<p>The maximum number of days is: 100 days.</p>
GCC 58.1	<p>The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is 20% of the cost of non-completed work</p>

Section X - Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award.

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Letter of Acceptance

[On letterhead paper of the Employer]

..... *[Date]*.

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

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 PCC]*..... 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 the Performance Security and an Environmental, Social,
Health and Safety Performance Security *[Delete ESHS Performance Security if it is not
required under the contract]* within 28 days in accordance with the Conditions of
Contract, using for that purpose the of the Performance Security Form and the ESHS
Performance Security Form, *[Delete reference to the ESHS Performance Security Form
if it is not required under the contract]* included in Section X - Contract Forms, of the
bidding document.

[Choose one of the following statements:]

We accept that _____ *[insert the name of Adjudicator proposed by the
Bidder]* be appointed as the Adjudicator.

[Or]

We do not accept that _____ *[insert the name of the Adjudicator proposed
by the Bidder]* be appointed as the Adjudicator, and by sending a copy of this Letter of
Acceptance to _____ *[insert name of the
Appointing Authority]*, the Appointing Authority, we are hereby requesting such Authority
to appoint the Adjudicator in accordance with ITB 43.1 and GCC 23.1.

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

Attachment: Contract Agreement

Contract Agreement

THIS AGREEMENT made the Day of . . . , between
. [Name of the Employer] (Hereinafter “the Employer”), of the one part, and
[Name of the Contractor] (Hereinafter “the Contractor”), of the other part:

WHEREAS the Employer desires that the Works known as [name of the Contract]
. should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution
and completion of these Works and the remedying of any defects therein,

The Employer and the Contractor 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) the Particular Conditions
 - (e) the General Conditions of Contract, including Appendices;
 - (f) the Specification
 - (g) the Drawings
 - (h) Bill of Quantities; ⁴⁵ and
 - (i) any other document **listed in the PCC** as forming part of the Contract;
3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works 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.

⁴⁵ In lump sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[name of the borrowing country]*.....on the day, Month and year specified above.

Signed by:
for and on behalf of the Employer

Signed by:.....
for and on behalf the Contractor

in the
presence of:.....
Witness, Name, Signature, Address, Date

in the
presence of:.....
Witness, Name, Signature, Address, Date

Performance Security (Bank Guarantee)

Option 1: (Bank Guarantee)

[Guarantor letterhead or SWIFT identifier code]

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

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 Contractor, 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 Works]* (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]*,¹ 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.

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

¹ *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, less provisional sums, if any, and denominated either in the currency (cies) of the Contract or a freely convertible currency acceptable to the Beneficiary.*

² *Insert the date twenty-eight days after the expected completion date as described in GC Clause 53.1. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer 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 Employer 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."*

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]

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

Performance Security (Performance Bond) (Not Applicable)

Option 2: Performance Bond

By this Bond [*insert name of Principal*] as Principal (hereinafter called “the Contractor”) and [*insert name of Surety*] as Surety (hereinafter called “the Surety”), are held and firmly bound unto [*insert name of Employer*] as Oblige (hereinafter called “the Employer”) in the amount of [*insert amount in words and figures*], for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Contractor has entered into a written Agreement with the Employer dated the _____ Day of _____, 20____, for [*name of contract and brief description of Works*] in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer’s obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a Bid or bids from qualified Bidders for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Bidder, arrange for a Contract between such Bidder and Employer and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Employer to Contractor under the Contract, less the amount properly paid by Employer to Contractor; or
- (3) Pay the Employer the amount required by Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.

In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this _____ day of _____ 20

_____.

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

Environmental, Social, Health and Safety (ESHS) Performance Security (NOT APPLICABLE)

ESHS Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

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

Date: *_ [Insert date of issue]*

ESHS 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 _____ (hereinafter called "the Applicant") has entered into Contract No. _____ Dated _____ with the Beneficiary, for the execution of _____ (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 _____ (_____) ,¹ 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 Environmental, Social, Health and/or Safety (ESHS) obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

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

¹ The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, less provisional sums, if any, and denominated either in the currency (cies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

² Insert the date twenty-eight days after the expected completion date as described in GC Clause 53.1. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer 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 Employer 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

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]

[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

[Guarantor letterhead or SWIFT identifier code]

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

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 Contractor, 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 Works]* (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]*¹ 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:

- (a) has used the advance payment for purposes other than the costs of mobilization in respect of the Works; 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

¹ *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 Employer.*

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, less provisional sums, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*,² 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]

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

² *Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer 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 Employer 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."*