



PUNJAB TOURISM FOR ECONOMIC GROWTH PROJECT

**Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab
Telephone: 042-99332607**

PROCUREMENT NOTICE

Request for Bids

For

PROCUREMENT OF WORKS

FOR URBAN REHABILITATION AND INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH INSIDE WALLED CITY, LAHORE

The above bidding process shall comprise of Packages under Single Stage One-Envelope Bidding Process in accordance with the World Bank Procurement Guidelines 2014, the detail of lots is given as under:

Package-1: REHABILITATION AND INFRASTRUCTURE Improvement of West Side

Package-2: REHABILITATION AND INFRASTRUCTURE Improvement of East Side

Package-3: Providing / Laying of AB cables and Installation of Distribution Boxes.

Country: PAKISTAN

Name of Project: Punjab Tourism for Economic Growth Project (PTEGP)

Procurement Title: Urban Rehabilitation and Infrastructure Improvement Project from Bhaati Gate to Katri Haji Allah Baksh Inside Walled City, Lahore

Employer: Punjab Tourism for Economic Growth Project (PTEGP)

Loan No.: IDA-5982

RFB Reference No: PK-PTEG-384174-CW-RFB

1. Government of the Islamic Republic of Pakistan (who has extended the financing to Punjab Tourism for Economic Growth Project) has received a loan from the World Bank towards the cost of Punjab Tourism for Economic Growth Project (PTEGP) and intends to apply part of the proceeds toward payments under Procurement of Urban Rehabilitation and Infrastructure Improvement Project Phase-1 from Bhatti Katri Haji Allah Bakhsh inside Walled City Lahore.
2. Punjab Tourism for Economic Growth Project– PTEGP (the Employer) now invites sealed Bids from eligible Bidders for the Procurement of Urban REHABILITATION AND INFRASTRUCTURE Improvement from Bhaati Gate to Katri Haji Allah Baksh Inside Walled City, Lahore.
3. Bidding will be conducted through national competitive procurement using Request for Bids (RFB) as specified in the World Bank's Procurement Guidelines 2014 / Regulations for IPF Borrowers dated July 2016 (Revised November 2017 & August 2018) ("Procurement Regulations") and is open to all eligible Bidders as defined in the Procurement Regulations & Bidding Document.
4. Interested eligible Bidders may obtain further information from the Office of the Employer and inspect the Bidding Document during office hours [0900 to 1400 hours, Monday to Friday] at the address given below.
5. Bidding document is available at www.ptegp.punjab.gov.pk for information only. Printed bidding documents can either be obtained directly from the address given

below or couriered on request at a price of Rs. 2,000/- which may be deposited as per government rules.

6. Bidders may bid for one or more lots. Bids evaluation and contract award will be done on a lot basis through single stage one envelope method.
7. A Pre-bid Meeting shall take place on the date, time and place detail below. Bidders have the option to attend pre-bid meeting online. The connection details are as follows:

Date:	October 17, 2023 (Tuesday)
Time:	12:00 pm
Address:	Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab

8. Bids must be delivered to the above office address by or before **October 31, 2023 (Tuesday) 1400 hours**, and must be accompanied by Bid Security against each lot in the shape of CDR/Pay Order/Unconditional Bank Guarantee issued by a Scheduled Bank. Bid security amount is given below:

- Package-1= PKR 8.00 Million
- Package-2 =PKR 8.00 Million
- Package-3 =PKR 2.50 Million

Bids will be publicly opened in presence of the Bidders' designated representative and anyone who chooses to attend at the address below on **October 31, 2023 (Tuesday) 1400**. Late submission of bids shall not be considered.

9. The address referred to above is:

Project Director,
Punjab Tourism for Economic Growth Project (PTEGP)
Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan
Telephone: 042 99332607
Email address: pmuptegp@gmail.com



PUNJAB TOURISM FOR ECONOMIC GROWTH PROJECT

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Telephone: 042-99332607

**Request for Bids
For
PROCUREMENT OF WORKS
FOR URBAN REHABILITATION AND INFRASTRUCTURE
IMPROVEMENT PROJECT FROM BHAATI GATE TO KATRI HAJI ALLAH
BAKSH INSIDE WALLED CITY, LAHORE**

Employer: PUNJAB TOURISM FOR ECONOMIC GROWTH PROJECT
(PTEGP)

Country: PAKISTAN

Loan No.: IDA-5982

Issued On: 05/10/2023

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PART 1 – Bidding Procedures

Section I - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

1. Scope of Bid

1.1 In connection with the Specific Procurement Notice - Request for Bids (RFB), specified in the Bid Data Sheet (BDS), the Employer, as specified in the BDS, issues this bidding document for the provision of Works as specified in Section VII, Works' Requirements. The name, identification and number of lots (contracts) of this RFB are specified in the BDS.

1.2 Throughout this bidding document:

- (a) the term "in writing" means communicated in written form (e.g., by mail, e-mail, and fax, including if specified in the BDS, distributed or received through the electronic-procurement system used by the Employer) with proof of receipt;
- (b) if the context so requires, "singular" means "plural" and vice versa;
- (c) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower's official public holidays; 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 this bidding document is 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 account for the purpose of any payment to persons or entities, or for any import of goods, equipment, plant, or materials, if such payment or import 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. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI.
- 3.2 In further pursuance of this policy, bidders shall permit and shall cause their agents (where declared or not), subcontractors, sub-consultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, or a state-owned enterprise or institution, subject to ITB 4.6, 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 entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified in the BDS, there is no limit on the number of members in a JV.
- 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) 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
 - (f) or any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower as Project Manager for the Contract implementation;
 - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm;
 - (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the contract, and/or the Bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the contract.
- 4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a Subcontractor in other Bids. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member may participate as a subcontractor in more than one Bid.
- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.

- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d., shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified in the BDS.
- 4.6 Bidders that are state-owned enterprises or institutions in the Employer's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Employer.
- 4.7 A Bidder shall not be under suspension from Bidding by the Employer as the result of the operation of a Bid-Securing or Proposal-Securing Declaration.
- 4.8 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. When the Works are implemented across jurisdictional boundaries (and more than one country is a Borrower, and is involved in the procurement), then exclusion of a firm or individual on the basis of ITB 4.8 (a) above by any country may be applied to that procurement across other countries involved, if the Bank and the Borrowers involved in the procurement agree.
- 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.
- 4.10 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this

procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment;

- (a) relates to fraud or corruption, and
- (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

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 consists 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 - Fraud and Corruption

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 Specific Procurement Notice - Request for Bids (RFB) issued by the Employer is not part of this bidding document.

6.3 Unless obtained directly from the Employer, the Employer is not responsible for the completeness of the bidding document,

responses to requests for clarification, the minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Employer shall prevail.

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

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 document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so specified in the BDS, the 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 document, the Employer shall amend the bidding document 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 and/or a Site of Works visit. 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 document in accordance with ITB 6.3 Any modification to the bidding document 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 document by issuing addenda.
- 8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Employer in accordance with ITB 6. 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** prepared in accordance with ITB 12;
 - (b) **Bill of Quantities or Activity Schedule:** completed in accordance with ITB 12 and ITB 14, as specified **in the BDS**;
 - (c) **Bid Security or Bid-Securing Declaration**, in accordance with ITB 19.1;
 - (d) **Alternative Bid**, if permissible, in accordance with ITB 13;
 - (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;
 - (f) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to Bid;
 - (g) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;
 - (h) **Conformity:** a technical proposal in accordance with ITB 16;
 - (i) 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 20.3. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

- 13.1 Unless otherwise specified **in the BDS**, alternative Bids shall not be considered.
- 13.2 When alternative times for completion are explicitly invited, a statement to that effect will be included **in the BDS** and the method of evaluating different alternative times for completion will be described in Section III, Evaluation and Qualification Criteria.

- 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 Bidder with the Most Advantageous Bid 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 quoted by the Bidder in the Letter of Bid and in the Activity Schedule or Bill of Quantities 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 indicate the methodology for their application in the Letter of Bid in accordance with ITB 12.1.
- 14.5 Unless otherwise specified **in the BD** 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 in Pak Rupees.
- 15.2 However, with prior agreement of Bank the bids can be invited in up to three freely convertible currencies.
- 15.3 Subject to 15.1 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's requirements and the completion time.
- 17. Documents Establishing the Eligibility and Qualifications of the Bidder**
- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 17.2 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.
- 17.3 If a margin of preference applies as specified in accordance with ITB 33.1, domestic Bidders, individually or in joint ventures,

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."

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 Bid Validity period specified **in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline (as 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.
- 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 period, 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; or
 - (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 non-bank 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 an unconditional guarantee is issued by a non-bank financial institution located outside the Employer's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Employer's Country to make it enforceable, unless the Employer has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the 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 48.
- 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 47; 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 48.

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**, pursuant to ITB 19.1, 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 45, or furnish a Performance Security and if required in the BDS, the Environmental, Social, Health and Safety (ESHS) Performance Security in accordance with ITB 46;

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 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 Bidders shall mark as "CONFIDENTIAL" information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

- 20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified **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.
- 20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 20.5 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 deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:
 - (a) in an envelope marked “ORIGINAL”, all documents comprising the Bid, as described in ITB 11; and
 - (b) in an envelope marked “COPIES”, all required copies of the Bid; and
 - (c) if alternative Bids are permitted in accordance with ITB 13, and if relevant:
 - (i) in an envelope marked “ORIGINAL- ALTERNATIVE BID”, the alternative Bid; and
 - (ii) in the enveloped marked “COPIES – ALTERNATIVE BID” all required copies of the alternative Bid.
- 21.2 The inner and outer envelopes shall:
 - (a) bear the name and address of the Bidder;
 - (b) be addressed to the Employer in accordance with 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 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:
- (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 ITB 24.2, the Employer shall publicly open and read out in accordance with this ITB, all Bids received by the deadline, at the date, time and place specified **in the BDS**, in the presence of Bidders' designated representatives and anyone who chooses to attend. All Bidders, or their representatives and any interested party may attend a public opening. 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.
- 25.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 25.4 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at bid opening.
- 25.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid 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.
- 25.6 Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further for evaluation. The Letter of Bid underpriced Schedules are to be initialed by representatives of the Employer attending Bid opening in the manner specified **in the BDS**.
- 25.7 The Employer shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8 The Employer shall prepare a record of the Bid opening that shall include, as a minimum:

- (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
- (b) the Bid Price, per lot (contract) if applicable, including any discounts;
- (c) the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required; and
- (d) any alternative Bids.

25.9 The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

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 Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 43.
- 26.2 Any effort 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, 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. Nonmaterial Nonconformities**
- 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 shall be adjusted, for comparison purposes only, to reflect the price of a missing or nonconforming item or component in the manner specified **in the BDS**.

**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.
- 34. Subcontractors** 34.1 Unless otherwise stated **in the BDS**, the Employer does not intend to execute any specific elements of the Works by subcontractors selected in advance by the Employer, Financial Parts
- 34.2 The subcontractor's qualifications shall not be used by the Bidder to qualify for the Works unless their specialized parts of the Works were previously designated by the Employer **in the BDS** as can be met by subcontractors referred to hereafter as 'Specialized Subcontractors', in which case, the qualifications of the Specialized Subcontractors proposed by the Bidder may be added to the qualifications.
- 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**. Subcontractors proposed by the Bidder shall be fully qualified for their parts of the Works.
- 35. Evaluation of Bids** 35.1 The Employer shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies the Employer shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be:
- (a) substantially responsive to the bidding document; and
 - (b) the lowest evaluated cost.
- 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

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 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."

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; and
- (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 cost of the contract combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.

36. Comparison of Bids

36.1 The Employer shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 35.2 to determine the Bid that has the lowest evaluated cost.

37. Unbalanced or Front-Loaded Bids

37.1 If the Bid for an admeasurement contract, which results in the lowest evaluated cost, in the Employer's opinion, seriously unbalanced or, front loaded, the Employer may require the Bidder to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the consistency of the Bid prices with the scope of works, proposed methodology, schedule and any other requirements of the bidding document.

⁵ Daywork is work carried out following instructions of the Project Manager 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 Daywork to be priced competitively for Bid evaluation purposes, the Employer must list tentative quantities for individual items to be costed against Daywork (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.

37.2 After the evaluation of the information and detailed price analyses presented by the Bidder, the Employer may as appropriate:

- (a) accept the Bid; or
- (b) require that the amount of the Performance Security be increased at the expense of the Bidder to a level not exceeding 20% of the Contract Price; or
- (c) reject the Bid.

38. Qualification of the Bidder

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

38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.

38.3 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 substantially responsive Bid which offers the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.

39. Most Advantageous Bid

39.1 Having compared the evaluated costs of Bids, the Employer shall determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be:

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

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

40.1 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.

- 41. Notification of Intention to Award**
- 41.1 The Employer shall send to each Bidder the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:
- (a) the name and address of the Bidder submitting the successful Bid;
 - (b) the Contract price of the successful Bid;
 - (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
 - (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful, unless the price information in c) above already reveals the reason;
 - (e) instructions on how to request a debriefing and/or submit a complaint.

F. Award of Contract

- 42. Award Criteria**
- 42.1 Subject to ITB 41, the Employer shall award the Contract to the successful Bidder. This is the Bidder whose Bid has been determined to be the Most Advantageous Bid as specified in ITB 40.
- 43. Notification of Award**
- 43.1 Prior to the expiration of the Bid Validity Period or any extension thereof, and, upon satisfactorily addressing any complaint that has been filed, the Employer shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Employer will pay the Contractor in consideration of the execution of the contract (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”).
- 43.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Employer shall publish the Contract Award Notice which shall contain, at a minimum, the following information:
- (a) name and address of the Employer;
 - (b) name and reference number of the contract being awarded, and the selection method used;
 - (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;

- (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor;
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and
- (f) successful Bidder's Beneficial Ownership Disclosure Form, if specified in BDS ITB 47.1.

43.3 The Contract Award Notice shall be published on the Employer's website with free access if available, or in at least one newspaper of national circulation in the Employer's Country, or in the official gazette. The Employer shall also publish the contract award notice in UNDB online.

43.4 Until a formal contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

44. Debriefing by the Employer

44.1 On receipt of the Employer's Notification of Intention to Award referred to in ITB 43.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Employer for a debriefing. The Employer shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

44.2 Where a request for debriefing is received within the deadline, the Employer shall provide a debriefing within five (5) Business Days, unless the Employer decides, for justifiable reasons, to provide the debriefing outside this timeframe.

44.3 Where a request for debriefing is received by the Employer later than the three (3)-Business Day deadline, the Employer should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract.

44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidder shall bear their own costs of attending such a debriefing meeting.

45. Signing of Contract

45.1 The Employer shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if specified in the BDS, a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form, if so requested, shall be submitted within eight (8) Business Days of receiving this request.

- 45.2 The successful Bidder shall sign, date and return to the Employer, the Contract Agreement within twenty-eight (28) days of its receipt.
- 46. Performance Security**
- 46.1 Within twenty-eight (28) days of the receipt of the Letter of Acceptance 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 General Conditions of Contract, subject to ITB 38.2 (b), 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, unless the Employer has agreed in writing that a correspondent financial institution is not required.
- 46.2 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 Bidder offering the next Most Advantageous Bid.
- 47. Adjudicator**
- 47.1 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.
- 48. Procurement Related Complaint**
- 48.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.

Section II - Bid Data Sheet (BDS)

The following specific data for the Works to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Reference	A. General
ITB 1.1	<p>The number of the Invitation for Bids is: Reference No. PK-PTEG-384174-CW-RFB</p> <p>The Employer is: Punjab Tourism for Economic Growth Project (PTEGP)</p> <p>The reference number of the Request for Bids (RFB) is: Reference No. PK-PTEG-384174-CW-RFB</p> <p>The name of the RFB is: Urban Rehabilitation and Infrastructure Improvement Project from Bhaati Gate to Katri Haji Allah Baksh Inside Walled City, Lahore.</p>
ITB 1.2(a)	<p>Electronic –Procurement System Not Used</p>
ITB 2.1	<p>The Borrower is: Government of Islamic Republic of Pakistan (who has extended the financing to Punjab Tourism for Economic Growth Project)</p> <p>The name of the Project is: Punjab Tourism for Economic Growth Project (PTEGP)</p>
ITB 4.1	<p>Maximum number of members in the Joint Venture (JV) shall be: Two (02)</p>
ITB 4.5	<p>A list of debarred firms and individuals is available on the Bank’s external website: http://www.worldbank.org/debarr.</p>
	<p>The following new Sub-Clauses are added at the end of ITB 4:</p> <p>“The Bidder shall also meet the following eligibility requirements:</p> <p>ITB 4.11 If Bidder is not registered at the time of submission of its Bid, s/he shall be required to register its firm with the respective Tax Entity(s) and Pakistan Engineering Council prior to the signing of Contract.</p>
B. Contents of Bidding Document	

ITB 7.1	For <u>Clarification of Bid purposes</u> only, the Employer’s address is: Attention: Project Director, PTEGP Address: Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab Telephone: 042 99332607 Electronic mail address: pmuptegp@gmail.com
ITB 7.1	Requests for clarification should be received by the Employer not later than: 07 days
ITB 7.1	Web page: https://ptegp.punjab.gov.pk/
ITB 7.4	A Pre-Bid meeting shall take place, if so required, at the following date, time and place: Date and time: October 17, 2023 (Tuesday) 12:00 pm Address: Conference Room, Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan Telephone: (042) 99332607 Electronic mail address: pmuptegp@gmail.com Maximum two (02) representatives of a bidder, will be allowed. Further, for ease of bidder, the bidder can attend the pre-bid meeting online by requesting for Zoom link E-Mail Address: pmuptegp@gmail.com
C. Preparation of Bids	
ITB 10.1	Language of the Bid: English All correspondence exchange shall be in English language. Language for translation of supporting documents and printed literature is English.
ITB 11.1 (b)	The following schedules shall be submitted with the Bid: Bill of Quantities as required in accordance with the Bidding Document
ITB 11.1 (i)	The Bidder shall submit the following additional documents in its Bid: <ul style="list-style-type: none"> • Registration of the firm with concerned authority for doing business • Code of Conduct (ESHS) 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.

	<p><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.</p> <ul style="list-style-type: none"> • Management Strategies and Implementation Plans (MSIP) to Manage the (ESHS) Risks <p>The Bidder shall submit Management Strategies and Implementation Plans (MSIP) to manage the key Environmental, Social, Health and Safety (ESHS) risks.</p> <p>The Contractor shall be required to submit for approval, and subsequently implement, the Contractor's Environment and Social Management Plan (C-ESMP), in accordance with the Particular Conditions of Contract Sub-Clause 16.2, that includes the agreed Management Strategies and Implementation Plans described here.</p> <p>The Bidder shall also submit the additional documents as per specified requirements of the Bidding Document.</p>
ITB 13.1	Alternative Bids shall not be considered.
ITB 13.2	Alternative times for completion shall not be permitted.
ITB 13.4	Alternative technical solutions shall not be permitted for the Works.
ITB 14.5	The prices quoted by the Bidder shall be fixed.
ITB 15.1	<p>The price shall be quoted by the Bidder in: Pak Rupees only.</p> <p>All payments under the Contract shall be made in Pak Rupees only.</p> <p>A Bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer's Country shall bear all costs and risks for arranging such currencies including currency exchange rate parity.</p>
ITB 15.2	Not Applicable
ITB 15.3	Not Applicable
ITB 18.1	The Bid validity period shall be 120 days.
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor(s): Not Applicable
ITB 19.1	<p>A Bid Security shall be required, in the shape of CDR/Pay Order/Unconditional Bank Guarantee issued by a Scheduled Bank.</p> <p>A Bid-Securing Declaration shall not be required.</p>

	<p>The amount and currency of the Bid Security shall be:</p> <ul style="list-style-type: none"> ➤ Package-1= PKR 8.00 Million ➤ Package-2 =PKR 8.00 Million ➤ Package-3 =PKR 2.50 Million
ITB 19.3	<p>The text of ITB 19.3 is substituted with the following:</p> <p>“The Bid Security shall be in the form of Bank Guarantee/CDR/Pay Order/Bank Draft issued by a Scheduled Bank in Pakistan, in favor of the Project Director, valid for a period of 28 days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 18.2.”</p>
ITB 19.8	In case of Joint Venture, the Bid Security shall be in the name of the Joint Venture or in the name of Lead Firm.
ITB 19.9	Not Applicable
ITB 20.1	<p>In addition to the original of the Bid, the number of copies is: Two (02)</p> <p>The Bidders shall also submit the PDF copy of the entire Bid and Word/Excel copy of the technical and financial parts of Bid on a USB device.</p>
ITB 20.3	<p>The written confirmation of authorization to sign on behalf of the Bidder shall consist of:</p> <p>An Authority Letter in original issued by the Bidder duly signed and stamped</p>
D. Submission and Opening of Bids	
ITB 22.1	<p>For Bid submission purposes only, the Purchaser’s address is:</p> <p>Attention: Project Director Address: Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan</p> <p>The deadline for Bid submission is: Date: October 31, 2023 Time: 1400 hrs</p> <p>Bidders shall not have the option of submitting their Bids electronically.</p>
ITB 25.1	<p>The Bid opening shall take place at:</p> <p>Conference Room Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan</p>

	Date:	Time:
ITB 25.1	Bidders shall not have the option of submitting their Bids electronically.	
ITB 25.6	The Letter of Bid and priced Summary of Bill of Quantities shall be initialed by the representatives of the Employer conducting Bid opening.	
E. Evaluation and Comparison of Bids		
ITB 30.3	The bid price quoted by bidder against any time shall not adjusted / changed at any stage after bid opening.	
ITB 32.1	Not Applicable	
ITB 33.1	A margin of domestic preference shall not apply.	
ITB 34.1	The bidder shall not appoint any subcontractor without prior approval of employer.	
ITB 34.2	Not Applicable	
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 45.1	The successful Bidder shall submit the Beneficial Ownership Disclosure Form.	
ITB 46.1 and 46.2	The successful Bidder shall be required to submit the Performance Security only in accordance with the Conditions of Contract	
ITB 47.1	The Adjudicator and its hourly fee shall be mutually agreed at the time of finalization of the Adjudicator in accordance with GCC 23.1.	
ITB 48.1	<p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>Attention: Project Director</p> <p>Address:</p> <p>Punjab Tourism for Economic Growth Project (PTEGP)</p>	

Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan
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Section III - Evaluation and Qualification Criteria

This section contains all the criteria that the Employer shall use to evaluate Bids and qualify Bidders through post-qualification. No other factors, methods or criteria shall be used other than specified in this bidding document. The Bidder shall provide all the information requested in the forms included in Section IV, 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.

Assessment of adequacy of Technical Proposal shall be carried out in accordance with the Bidding Document especially the Requirements as described in Section VII, Scope of Works.

2.2 Multiple Contracts

Not Applicable

2.3 Alternative Completion Times

Not Applicable

2.4 Sustainable procurement

Not Applicable

2.5 Alternative Technical Solutions for Specified Parts of Works

Not Applicable

2.6 Specialized Subcontractors

Not Applicable

3. Qualification

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with ITB 4.4	Must meet requirement	N/A	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	N/A	Must meet requirement	N/A	Letter of Bid
1.3	Bank Eligibility	Not having been declared ineligible by the Bank, as described in ITB 4.5.	Must meet requirement	N/A	Must meet requirement	N/A	Letter of Bid
1.4	State-owned enterprise or institution of the Borrower country	Meets conditions of ITB 4.6	Must meet requirement	N/A	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 4.8 and Section V.	Must meet requirement	N/A	Must meet requirement	N/A	Letter of Bid
2. Historical Contract Non-Performance							
2.1	History of Non-	Non-performance of a contract ¹ did	Must meet	N/A	Must meet	N/A	Form CON-2

¹ Nonperformance, as decided by the Employer, shall include all contracts where (a) nonperformance 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. Nonperformance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Nonperformance must be based on all information on fully settled

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
	Performing Contracts	not occur as a result of contractor default since 1 st January 2013, based on all information on fully settled disputes or litigation.	requirement ¹ & 2		requirement ²		
2.2	Suspension Based on Execution of Bid /Proposal Securing Declaration by the Employer or withdrawal of the Bid within Bid validity period	Not under suspension based on execution of a Bid/Proposal Securing Declaration pursuant to ITB 4.7 or withdrawal of the Bid pursuant ITB 19.9	Must meet requirement	N/A	Must meet requirement	N/A	Letter of Bid
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
2.4	Litigation History	No consistent history of court/arbitral award decisions against the Bidder ³ since 1 st January 2013	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2
2.5	Declaration: Environmental,	Declare any civil work contracts that have been suspended or terminated	Must make the	N/A	Each must make the	N/A	Form CON-3 ESHS Performance

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.

² This requirement also applies to contracts executed by the Bidder as JV member.

³The 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.

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
	Social, Health, and Safety (ESHS) past performance	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 ⁴ .	declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.		declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.		Declaration
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 of Eq. PKR 130 million the subject contract(s) for Package-1 & 2 and PKR 35 million for Package-3 net of the Bidder's other commitments. (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	Must meet requirement	Must meet Requirement	N/A	N/A	Form FIN – 3.1, with attachments

⁴The 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 members Combined	Each Member	At least one Member	
		future contract commitments. (iii) The audited balance sheets or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, of last (03) years shall be submitted and must demonstrate the current soundness of the Bidder's financial position and indicate its prospective long-term profitability.					
3.2	Average Annual Construction Turnover	Minimum average annual construction turnover of Eq. PKR 800 million the subject contract(s) for Package-1 & 2 and PKR 230 million for Package-3 calculated as total certified payments received for contracts in progress and/or completed of last three (03) years, divided by three (03) years.	Must meet requirement	Must meet requirement	N/A	Must meet 50% of the requirement	Form FIN – 3.2
4. Experience							
4.1 (a)	General Construction Experience	Experience under construction contracts in the role of prime contractor, JV member, subcontractor, or management contractor for at least the five (05) years,	Must meet requirement	N/A	Must meet requirement	N/A	Form EXP – 4.1
4.2	Specific rehabilitation & illumination	A minimum number of two (02) Rehabilitation/Infrastructure (Civil / Electrical works contracts), each with a	Must meet requirement	Must meet requirement ⁵	N/A	N/A	Form EXP 4.2

⁵ 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 members Combined	Each Member	At least one Member	
	work Experience	<p>value of at least Eq. PKR 200 million for Package-1 & 2 including at least 100-million of HT & LT Electrical Works and PKR 75 million of electrical works for Package-3, that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or sub-contractor between 1st January 2018 and bid submission deadline.</p> <p>The documentary proof of above-mentioned contracts in the form of presentation will be given aided advantage.</p>					

4. 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).

No.	PERSONNEL	Relevant Academic Qualifications	Minimum Years of Relevant Work Experience	Nos. Required
1	Project Engineer	B.Sc. Civil OR Electrical Engineering having valid PEC number	10	01
2	Construction Manager	B.Sc. Electrical Engineering having valid PEC number	7	01
3	Site Engineer	B.Sc. Civil Engineering having valid PEC number	Up to 3	01
4	Site Engineer	B.Sc. Electrical Engineering having valid PEC number	Up to 3	01
5	Quantity Surveyors	DAE in Civil	Up to 5	01
6	Sub Engineers (Civil)	DAE in Civil	Up to 5	02
7	Sub Engineers (Electrical)	DAE in Electrical	Up to 5	01
8	Material Engineer	Bsc Civil / Geology	Up to 7	01
9	Lab Technician	DAE in Civil	Up to 5	01

Intermittent staff to be hired for 7 days a month for each Package

Item No.	Position/specialization	Relevant academic qualifications	Minimum years of relevant work experience
Suitable experts in the following specializations			
1	Health, Safety and Environment (HSE) Expert	Graduate (16 years education) in Environmental Engineering/Sciences	Five (05) years' experience in building work related to HSE, EMP, ESMP,
2	Social Safeguards Specialist	Graduate (16 years education) in Sociology	Five (05) years' experience in similar work related to social safeguards related to WB, ADB, AFD, preparation of ARAP/RAP

5. Equipment

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

No.	Equipment	Minimum Number required
1	Mini Tractor with Blade	01
2	Plate Compactor	02
3	Plain Roller (5 Ton)	02
4	Concrete Vibrator (6000 cycle/pm)	04
5	Wheel Barrows	02
6	Mini loader, 150 CC	01
7	Concrete mixing machine capacity half bag	01
8	Concrete mixing machine capacity full bag	02
9	Scaffoldings, planks and bamboos	<u>2000 Sft</u>
10	Mini Water Boozer	<u>02</u>
11	Air compressor machine	01
12	Dewatering Pump	02
13	Water spray pumps	02
14	Square PVC drum/tanks	02
15	Allied Tools & equipment	General

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

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

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

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

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

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

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

To: *[insert complete name of Employer]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with ITB 8;
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid-Securing Declaration:** We have not been suspended nor declared ineligible by the Employer based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in the Employer's Country in accordance with ITB 4.7;
- (d) **Conformity:** We offer to execute in conformity with the bidding document the following Works: *[insert a brief description of the Works]*
- (e) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (f) below is:

Total price is: PKR _____ *[insert the total price of the Bid in words and figures];*

- (f) **Discounts:** The discounts offered and the methodology for their application are:
 - (i) The discounts offered are: *[Specify in detail each discount offered.]*
 - (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*
- (g) **Bid Validity Period:** Our Bid shall be valid for a period specified in BDS ITB 18.1 of days from the date fixed for the Bid submission deadline in accordance with the bidding

document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

- (h) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;
- (i) **One Bid Per Bidder:** We are not submitting any other Bid(s) as an individual Bidder or as a subcontractor, and we are not participating in any other Bid(s) as a Joint Venture member, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (l) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

- (m) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (n) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive; and
- (o) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption; and

(p) **Adjudicator:** We accept the appointment of *[insert name proposed in Bid Data Sheet]* as the Adjudicator.

[or]

We do not accept the appointment of *[insert name proposed in Bid Data Sheet]* as the Adjudicator, and propose instead that *[insert name]* be appointed as Adjudicator, whose daily fees and biographical data are attached.

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

Schedules

1. Bill of Quantities

List of Drawings		
Package	Description	Purpose
Package-1	REHABILITATION AND INFRASTRUCTURE Improvement of West Side	For Vendor Facilitation, a Soft copy of BOQ against each lot is uploaded on PMU-PTEGP Website
Package-2	REHABILITATION AND INFRASTRUCTURE Improvement of East Side	
Package-3	Providing / Laying of AB cables and Installation of Distribution Boxes	

BILL OF QUANTITIES

**URBAN REHABILITATION AND INFRASTRUCTURE
IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI
HAJI ALLAH BAKHSH PHASE-1**

Summary of Costs (Package-1)

Sr No.	Description	Amount (Rs.)
1	Street Surfacing	
2	General Works	
3	Water Supply System	
4	Sewerage System	
5	Storm Water Drainage System	
6	Sui Gas	
7	Electrical Work	
8	Telecom	
	Grand Total	

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B1: Street Surfacing						
Sr.#	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1. Lateral Streets Surfacing						
1.1	Providing and laying plain cement concrete (ratio 1:3:6) i/c screening and washing of aggregates mixing, placing, compacting, finishing and curing for base concrete pad as per drawings and specifications complete in all respects as per the instructions of Project Manager.	98.00	Cum			
1.2	Pucca brick tile 230mmx115mmx38mm (9" x 4.5" x 1.5") on edge flooring laid in cement sand mortar (1:4) with surkhi for approved shade in patterns as shown on drawings i/c laying of dressed bricks in rings around manhole covers over a bed of 20mm thick cement mortar (1:6) as per approved pattern and slope required for surface drainage of rain water.	5,893.23	Sqm			

2. Main Road's Surfacing						
2.1	Providing, laying and Compacting Stone ballast 50mm to 63mm (2" to 2 1/2") gauge mixed with 40% stone dust for Pavement foundation complete in all respects as per drawings and instructions of Project Manager.	98.00	Cum			
2.2	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:4:8 i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of Project Manager.	635.53	Cum			
2.3	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:2:4 (Using Sargodha Crush and Larwrencepur & Chanab Sand 50/50) i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of Project Manager.	92.86	Cum			
2.4	Providing PCC 1:1:2, block/spillway below storm water down pipe on main road and streets to avoid scouring as per drawings and specifications and as per the instructions of Project Manager.	49.00	CUM			

2.5	Providing and laying at average 2" thick compacted sand concrete tile 8" x 2.5" x 1.5" full body colored using imported pigment "Byer Brand" of approved by Project Engineer. Including cutting of tiles for fixing in patterns (around the Manhole cover etc.) as shown on drawing complete in all respects excluding sand cushion.	928.55	Sqm			
2.6	Providing and fixing precast Edge Kerb Stone (4"to 6" thick) , of 3500 PSI Compressive Strength, embedded in PCC 1:2:4 over lean concrete 1:4:8 etc. complete in all respect.	554.68	RM			
2.7	Restoration of metaled road , on laid service line, i/c compaction carpeted road, with 50 mm (2") carpet and 250 mm (10") depth of stone metal for sub-base and base as per drawings and specifications and as per the instructions of Project Manager.	294.00	Sqm			
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B2: General Works						
Sr#	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount
1	2	3	4	5	6	7
1	Dismantling cement concrete (P.C.C.) with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	726.28	Cum			
2	Dismantling reinforced cement concrete with care protecting adjoining structures, separating reinforcement from concrete cleaning and straightening the same i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	52.16	Cum			

3	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	340.92	Cum			
4	Earthwork excavation in open cutting as shown in drawings including, dressing to correct section and dimensions according to templates and levels as per drawings and removing surface water, in all types of soil except shingle, gravel and rock.	7,262.78	Cum			
5	Disposal of excavated earth from site, lead upto 10 Km. Complete in all respects.	7,262.78	Cum			
6	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of Project Manager	4,430.30	Cum			

7	Provision for making temporary arrangements for continuity of all services to the houses on streets/roads in Pilot Project during dismantling /laying of service lines and dismantling/ installation of house connections inclusive of all incidental costs, (including pumping of underground water), complete in all respects. Payment shall be made for each of the following separately after complete satisfaction of the Engineer's Incharge.		Nos.			
	i. Water Supply	482.65				
	ii. Sewer	482.65				
	iii. Drainage	482.65				
	iv. Telephone	482.65				
	v. Sui gas	482.65				
8	Providing and fixing Mohalla Name Plate 24"x12" with 3M film of stainless-steel including paint and printing etc. as approved by the engineer.	54.39	Nos.			
9	Provision for Shifting / Repair of Existing Services of WASA, LESCO, PTCL, SNGPL , Ltd etc. during execution of works as per site Requirements.		Nos.			
	i. Water Supply	294.00				
	ii. Sewer	171.50				
	iii. Drainage	73.50				
	vi. Sui gas	73.50				

12	Dismantling and removing of existing G.I./C.I. Water supply lines of under given sizes including fittings such as tees, bends, unions, Gibault joints, sluice peat valves etc. The cost of carriage of dismantled material to the place out of project area and handing over to line agency through a signed inventory slip.		RM			
	i. .5" to .75" id size	245.00				
	i. 1" id size	490.00				
	i. 1.5" id size	735.00				
	ii. 2.0" id size	980.00				
	iii. 2.5" id size	1,274.00				
	iv. 3.0" id size	1,470.00				
	iii. 4.0" id size	294.00				
	iii. 6.0" id size	294.00				
13	Dismantling and removing of existing under given Telecom services . The cost of carriage of dismantled material to the place out of project area and handing over to line agency through a signed inventory slip.		Each			
i	Cab nits	14.70				
ii	ONU	7.35				
iii	BLT	63.70				
iv	DP	181.30				
v	Steel Poles	34.30				
vi	Cables	4.90	L.S.			

15	Dismantling carpeted/ metaled road road surface upto required depth with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	784.49	cum			
16	Carrying out works at site for structural strengthening, on the basis of geotechnical considerations, of foundations / walls/ columns and other components of the existing old buildings affected by excavations for laying underground infrastructure services as per site requirements and structural design to be provided by the contractor and approved by the Chief Resident Engineer and the Project Manager.		Cum			
	a) PCC Work (1:3:6)	83.30				
	b) PCC Work (1:2:4)	31.85				
	c) RCC Work (1:2:4)	31.85				
	d) Brick Work in 1:4 cement: sand mortar	102.90				
	e) Cement plaster in 1:4 Cement Sand mortar (13mm thick)	1,029.00	sqm			
TOTAL AMOUNT:						
AMOUNT IN MILLION:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B3: Water Supply System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working pressure pipe, Beta/ Dadex/ Popular/ IIL or equivalent, in trenches, as approved & directed by the engineer Incharge, complete in all respects. (PN-8)		RM			
i	63 mm	1,149.05				
ii	90 mm	1,259.30				
iii	160 mm	554.68				

2	Providing and installing of sluice valve/ flush valve of BSS 3464 Class "B" for HDPE , including cost of jointing material, rubber gasket, Vinking Johson Joints / Dresser Style couplings / Gibault Joints, HDPE stub flanges, tail pieces, backing plates, etc. as per drawings and specifications complete in all respects.	-	Each			
i	50 mm (2") internal Dia	-				
ii	75 mm (3") internal Dia	-				
iii	150 mm (6") internal Dia	-				
3	Providing and fixing S.V and making connection of 160 mm HDPE pipe with existing 400 mm CI Pipe including cutting, laying, jointing with fittings and testing as per drawings, design and Instructions of Engineer Incharge complete in all respects.	-	Each			
4	Construction of brick masonry (1:4) sluice valve/ flush valve chambers as per design, drawings and Specifications e complete in all respects.	-	Cum			
i	For 50 mm Dia S. V	28.91				
ii	For 75 mm Dia S. V	33.81				
iii	For 150 mm Dia S. V	10.29				
5	Providing plain cement concrete (1:2:4) for thrust blocks including screening and washing of stone aggregates and mixing, placing, compacting finishing and curing as per given drawings and design complete in all respects.	20.70	Cum			
Water Supply House Connections		-				

6	Providing and installing house connection, including HDPE saddle, female threaded elbow with compression fitting , HDPE male threaded adopter 25 mm OD, 90° HDPE bend/elbow with double compression fitting, 25mm OD HDPE Pipe, 19 mm ID G.I Pipe conforming to BSS 1387- (medium weight), G.I sockets, GI Tees, GI barrel nipples, GI elbows, gun metal gate valve, steel fixing hooks, as per given drawings, designs and specifications complete in all respects.	-	Each			
a	From 63 mm HDPE pipe line.	-				
i	Single Connection	294.00				
b	From 90 mm HDPE pipe line.	-				
i	Single Connection	107.80				
iv	Multiple Connection of 4 meter	-				
c	From 160 mm HDPE pipe line.	-				
i	Single Connection	80.85				
ii	Multiple Connection of 3 meter	-	Each			
iii	Multiple Connection of 4 meter	-	Each			
7	Providing, laying, cutting, jointing by approved Chemical at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11, including cost of specials, fusion welding, as per drawings and specifications complete in all respects.	-	RM			
i	25 mm	-				

8	Providing, fixing, testing and commissioning of gun metal orifice piece of 7mm/10mm/12mm size orifice opening (as per requirement) with male threaded ends on both sides for 19mm ID pipes to be joined, best quality as per sample approved by engineer Incharge, as per drawings and design complete in all respect.	-	Each			
i	Size 7 mm	-				
ii	Size 10 mm	-				
iii	Size 12 mm	-				
9	Providing, fixing, testing and commission water meter of 20 mm size remote sensor readable type best quality foreign made of approved sample as per approved sample complete in all respects.	-	Each			
10	Providing and laying of G.I. pipes confirming to BSS 1387- (medium weight) for house connection from water meter to the point of entry into the house i/c all specials fitting cutting, jointing, jointing materials, covering with protective tape, making holes in walls and filling the same with 1:4 cement sand/lim mortar as the case may be including excavation and backfilling and testing up to required pressure complete in all respects.	-	RM			
i	20 mm (3/4") ID	-				
	Fire hydrants	-				

11	Providing, installing and testing Pillar Type Fire Hydrant, Model FHP-002 having 150mm (6") main barrel diameter, 1 No. 100 mm (4") Fire Brigade connection with 100mm (4") size ball sluice valve, 2 No 63mm (2.5") delivery outlets on two sides with sluice valves with blank caps tied and chains, terminating into British Instantaneous Female Coupling (confirming to BSS 336) of size 63 mm (2.5") with 150mm (6") gate valve installed below the Fire Hydrant including cost of all jointing materials i.e. nuts and bolts rubber insertion sheets or any other required fittings as per design and drawings complete in all respects.	-	Each			
12	Construction of fare face concrete pad using PCC (1:2:4) including screening and washing of stone aggregates mixing, placing, chamfering of expose sides/corners compacting finishing and curing as per given drawings and design complete in all respects.	-	cum			
13	Providing, making and testing connection of Fire Hydrant using C.I pipe including 90-degree flanged bends, Viking Johnson Joints all jointing materials such as nuts, bolts, rubber insertion sheets as per drawings and design complete in all respects.	-				
i	With 160mm Dia pipe	-	Each			

14	Providing, installing and testing 450mm (18") long Jet Nozzle Brass finished with control valve inlet of 63mm (2.5") Male Instantaneous Coupling and outlet 19mm (0.75") Orifice (Fire chief Brand) as per approved sample and as per the design, drawings and instructions of Engineer Incharge complete in all respects.	-	Each			
15	Providing, installing and testing Male and Female Instantaneous Coupling for Fire Fighting Hose pipe according to BSS-336 Standard as per approved sample complete in all respects.	-	Each			
Total Amount						
Amount in Million						

BILL OF QUANTITIES						
BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B4: Sewerage System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta/grey color) with i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc., as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.		RM			
i	150 mm (6") Sewer Line	245.00				
ii	200 mm (8") Sewer Line	0.00				
2	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete (PCC) 1:4:8 i/c screening and washing of aggregates materials under sewerage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	19.60	Cum			

3	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:2:4 i/c screening and washing of aggregates materials under sewerage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	19.60	Cum			
4	Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	0.00	Each			
i	For 150 mm (6") Sewer Line	0.00				
ii	For 200 mm (8") Sewer Line	0.00				
5	Providing and fixing 100 mm i/d uPVC sewerage pipe (Grey color) with i/c rubber rings and special (All Type) such as elbows, collars, sockets, reducers, bends "Ts" and "Ys" etc. from top roof to street surface complete in all respects as per the instructions of Project Manager.	0.00	RM			
6	Providing and fixing 100 mm (4") i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	0.00	Each			

7	Providing, laying, Cutting, jointing and testing of 100 mm (4") Dia UPVC horizontal pipe conforming EN 1401,SN8 (SDR 34) standards (Terracotta/grey color) for connection of vertical pipe to man hole using uPVC "Y" junction and "P trap" complete in all respects i/c provision of cleaning eye with threaded ceiling cap as per drawing and design.	0.00	RM			
8	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	0.00	Each			
9	Providing and fixing DI Manhole Cover 600mm Dia for existing RCC Sewer Manhole as per drawing and specifications complete in all respects (As per approved sample)	0.00	Each			
10	Casting of RCC (in approved ratio) manholes for main Drain using sulphate resistant cement in approved ratio using water tight formwork to get fare face finish as per drawing and specifications, Complete in all respects.	0.00	Each			
i	450 mm	0.00				
11	Raising/repair work of existing manholes complete i/c all materials for main sewer.	0.00	Each			
TOTAL AMOUNT:						
AMOUNT IN MILLION:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B5: Storm Water Drainage System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
	<u>Lateral Drain</u>					
1	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta color) with rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc., as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.		RM			
i	150 mm (6")	2,695.00				
2	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:4:8 i/c screening and washing of aggregates materials under drainage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	22.05	Cum			

3	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:2:4 i/c screening and washing of aggregates materials under drainage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	22.05	Cum			
4	Providing, laying, jointing and testing of prefabricated PP manhole chambers for drainage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	-	Each			
i	For 150 mm (6") Dia drain pipe	236.67				
5	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	236.67				
6	Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of Project Manager.	401.80	Each			

Bidding Forms

7	Providing, laying, jointing and testing of uPVC bends of 7½ °, 22½ ° and 45 ° conforming EN 1401, SN8 (SDR 34) standards (Terracotta color) with spigot x socket ends with rubber rings, as per site requirement.	-	Each			
i	Size 100 mm	926.10				
ii	Size 150 mm	49.00				
8	Providing and fixing 100 mm i/d uPVC storm water pipe with rubber rings from top roof to street surface.	2,025.66	RM			
9	Providing and fixing 100 mm i/d uPVC "Bends at top & in street" connecting vertical uPVC pipe including "2 to 3' long piece of pipe", "Floor trap" & "PCC 1:2:4 Khurra 1.5' x 1.5' i/c "T or Y for connecting pipe from intermediate floor "	965.30	Each			
10	Providing and laying R.C.C Grating 300 mm Dia covers for storm drains i/c RCC ring around the chamber for resting of manhole cover as per approved design matching with the street surfacing, complete in all respects.	401.80	Each			
	<u>Main Drain</u>	-				

11	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta color) with rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc, as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.	-	RM			
i	150 mm (6")	554.68				
12	Providing, laying, jointing and testing of prefabricated PP manhole chambers for drainage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	-	Each			
i	For 150 mm (6") dia drain pipe	112.70				
13	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	112.70				
14	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete PCC 1:3:6 i/c screening and washing of aggregates materials under for bedding under storm drain as per drawings, gradient and specifications complete in all respects as per the instructions of Project Manager.	7.84	Cum			

15	Providing and laying of GRP Pipe, conforming to ASTM, D-3517 Class "B" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and gradient, cutting, fixing, testing and jointing, for main drain complete in all respects as per drawings and specifications and instructions of Project Manager.	-	RM			
i	300 mm	4.90				
ii	450 mm	277.34				
16	Casting of RCC (in approved ratio) manholes for main Drain using sulphate resistant cement in approved ratio using water tight formwork to get fare face finish as per drawing and specifications, Complete in all respects.	-	Each			
i	300 mm	2.45				
ii	450 mm	19.60				
17	Providing and fixing Perforated DI Manhole Cover 600mm Dia for RCC Strom Water Manhole as per drawing and specifications complete in all respects (As per approved sample).	22.05	Each			
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-1						
B6: Sui Gas						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, installing and testing of domestic natural (Sui) gas meters according to ANSI B 109.1 (latest Edition)/O.I.M.L of diaphragm type with positive gas displacement, suitable for gas having specific gravity 0.5-0.7 and flow measurement accuracy between + 1.5% to + 3% workable at average base pressure of 14.65 PSI and base temperature of 60 °F with operative range of -20 °c to +50 °c having meter counter protected from running backwards with direct reading front counter, with diaphragm of temperature resistance and synthetic rubber with longer life, the meter shall have pressure dye cast aluminum housing with separate inserted steel ferule threads NPT male or reinforced steel ferule threaded NPT male to resist operating pressure of 1.5 bars complete with flow capacity of 6-7 m3/hour (Q-max) and 0.04 m3/hour (Q-min) in SCFH of natural gas at 0.5" WC		Each			

	<p>differential and 0.6 specific gravity of gas at 14.65 PSI and 60°F with inlet and outlet ferule size of 19mm Dia with other features, accessories and performance requirements against damage due to incidental fall or other mechanical impacts as mentioned in Contract Technical specification complete in all respects as selected, approved, calibrated and sealed by SNGPL and as per sample approved by Project Manager.</p>					
2	<p>Providing, installing and testing of commercial natural (Sui) gas meters according to ANSI B109.1 (latest Edition)/O.I.M.L of diaphragm type with positive gas displacement, suitable for gas having specific gravity 0.5-0.7 and flow measurement accuracy between + 1.5% to + 3% workable at average base pressure of 14.73 PSI and base temperature of 60 °F with operative range of -34 °c to +49 °c having meter counter protected from running backwards with direct reading front counter, with diaphragm of temperature resistance and synthetic rubber with longer life, the meter shall have pressure dye cast aluminum housing with separate inserted steel ferule threads NPT male or reinforced steel ferule threaded NPT male with MAOP of 5 PSIG complete with flow capacity of 7.1/5.5 m3/hour (Q-max) in SCFH of natural gas at 0.5" WC differential and 0.6 specific gravity of gas at 14.73 PSI and 60°F with inlet and outlet ferule size of 19mm to 25mm Dia or as</p>		Each			

	sanctioned by SNGPL with other features, accessories and performance requirements against damage due to incidental fall or other mechanical impacts as mentioned in Contract Technical specification complete in all respects as selected, approved, calibrated and sealed by SNGPL and as per sample approved by Project Manager.					
3	Providing, fixing, testing and commissioning HDPE gas pipe manufactured from bright yellow/green HDPE 80 raw material of approved manufacturers and confirming to ISO 4437, ASTM D-2513 and ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11 including specials, complete in all respects as per drawings and project specifications.		RM			
i	25 mm O/D pipe	1,015				
ii	32 mm O/D pipe	2,014				
iii	63 mm O/D pipe	550				
4	Providing and laying of gas house connection including Polyethylene fittings, fusion Jointing, Transition Pieces, GI Pipe and Fittings complete in all respect as per contract specifications. Cost of dismantled material making inventory and handing over the SNGPL Ltd. existing material and G.I pipe handing over to the honors.	179	Each			

Bidding Forms

5	Providing, fixing and installation of control valve of SNGPL standard as per approved sample including valve chamber and connection with the existing distribution network including specials, complete in all respects.	-	Each			
i	For 25 mm line	448				
ii	For 32 mm line	207				
iii	For 63 mm line	49				
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES		
URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1 (Package-1)		
Summary of Package-1 (Electrical Work)		
B7: Electrical Network		
Bill No.	Description	Amount (Rupees)
8	Electrical Work	
8A	<i>Sub Total of Item - A.</i>	
	H.T. & L.T. OUTDOOR PAD MOUNTED EQUIPMENT	
8A(i)	<i>Sub Total of Item - A. (10% Increased Qty)</i>	
	H.T. & L.T. OUTDOOR PAD MOUNTED EQUIPMENT.	
8B	<i>Sub Total of Item - B.</i>	
	H.T. & L.T. CABLE SYSTEM. (Civil Works)	
8C	<i>Sub Total of Item - C.</i>	
	STREET LIGHT SYSTEM.	
8D	<i>Sub Total of Item - D.</i>	
	LESCO Dismantling Material	
8E	LESCO DESIGN VETTING CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
8F	LESCO SUPERVISION CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
	TOTAL	
	TOTAL IN MILLION	

**BILL OF QUANTITIES
URBAN REHABILITATION OF
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO
KATRI HAJI ALLAH BAKHSH PHASE-1**

Package-1

B7: Electrical Network

Bill No. 8A. HT & LT OUTDOOR PAD MOUNTED EQUIPMENT

Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
A-1	Supply at work, Installation, testing and commissioning of following HT pad mounted gas insulated RMU out door as per WAPDA Specification No. DD-S-46:90 amended to-date and Technical Specifications and Drawings, provided by the manufacturer, prepared foundation with subject to the approval of the Project Manager European/Pakistan.					
	a) 4-Way Type	2	Each			
A-2	Supply at work, Installation, testing and commissioning of following outdoor type Pad Mounted distribution transformers and required number of H.T. switches, HRC fuses etc., for H.T. Cable connections and MCCB of required ratings conforming to					

	relevant WAPDA Specifications No. DDS 71:2004, Technical Specifications/Standards, with prepared foundation subject to the approval of the Project Manager European/Pakistan.					
	a) 630 KVA	5	Each			
A-3	Supply at work, Laying, testing and commissioning of following HT XLPE armored cables, laying directly in sand layer in already excavated trenches including cable binding ties for single/Three core cables and provision of warning tape as per requirement, WAPDA specifications No P 29/2010, and standards provided in the given drawings subject to the approval of the Project Manager.					
	a) 500 mm ² 1-Core Al/XLPE/AWA/PVC	2300	RM			
	b) 120 mm ² 3-Core Al/XLPE/SWA/PVC	2300	RM			
A-4	Supply at work, Laying, testing and commissioning of following LT 600/1000V cable laid directly in already excavated trenches and provision of warning tape as per requirement, WAPDA specifications No. DDS 8:2007, standards provided in the given drawings, subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	1880	RM			
A-6	Supply at works, Installation, Testing and commissioning of following HT Cables Termination Kits, by using Bi-Metallic Lugs including numbering and Brass Glanding's					

	as per site requirements, standards, WAPDA specifications No. P148:86, with Subject to the approval of the Project Manager.					
	a) 500 mm ² 3x1C AI/XLPE/PVC	12	Set			
	b) 120 mm ² 3C AI/XLPE/PVC	10	Each			
A-7	Supply at works, Installation, Testing and commissioning of following LT Cable Termination Kits, including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core AI/PVC/PVC	30	Each			
A-8	Supply at works, Installation, Testing and Commissioning of straight through cable joints (splicing) for 11-KV Cable including preparation of pits as per WAPDA specification No. P 86:80, drawings and to the approval of the Project Manager.					
	a) 500 mm ² 3x1 C/AI/XLPE/PVC	2	Set			
	b) 120 mm ² 3 C/AI/XLPE/PVC	5	Each			
A-11	Providing and installation of HT & LT Cable Route Markers with warning tape complete in all respect as per given drawing subject to the approval of the Project Manager.	27	Each			
A-12	Supply at work, Installation, testing and commissioning of Wall Mounted 3-Phase LT Distribution Boxes (Service Box) comprising of Aluminum Conductor busbar, terminal lugs suitable for 4-Core 300 mm ²	22	Each			

	LT Al/PVC/PVC cable as per WAPDA specification No. 89:2008 ,site requirement and drawings including the DB's Numbering, with Brass cable gland subject to the approval of the Project Manager..					
A-13	Supply at work, Installation, testing and commissioning of Earth fault Indicators to installed at the output of electrical equipment such as Pad mounted Transformers, 3-way and 4-way Switches as per WAPDA Specification amended to-date according to approval of the Project Manager.	10	Each			
A-16	Supply at works, installation, testing & commissioning of Earthing System for HT 3-Way, 4-Way RMU, Pad Mounted Distribution Transformers and LT Distribution Boxes, including ground conductor (10 mm stranded G.I wire), clamp, M.S galvanized earth rod 5/8" x 10' and earth rod clamp etc.; (Bore Type till water level) to achieve the specified earthing results up to 5 Ohms as per WAPDA Specifications required for completion of the item as per technical specifications with subject to the approval of the Project Manager.	30	Each			
A-17	GI wire (10mm Dia) for Earthing of Pad Mounted Transformer, HT Switches and LT Distribution Boxes (6kg per earth)	555	kg			
	Sub-Total					-

**BILL OF QUANTITIES
URBAN REHABILITATION OF
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO
KATRI HAJI ALLAH BAKHSH PHASE-1**

Package-1

B7: Electrical Network

Bill No.8A(i) 10 % Additional Material for Maintenance as per LESCO Requirement

Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
A-1	Supply at work of following HT pad mounted gas insulated RMU out door as per WAPDA Specification No. DD-S-46:90 amended to-date and Technical Specifications and Drawings, provided by the manufacturer, prepared foundation with subject to the approval of the Project Manager European/Pakistan.					
	a) 4-Way Type	1	Each			
A-2	Supply at work of following outdoor type Pad Mounted distribution transformers and required number of H.T. switches, HRC fuses etc., for H.T. Cable connections and MCCB of required ratings conforming to relevant WAPDA					

	Specifications No. DDS 71:2004, Technical Specifications/ Standards, with prepared foundation subject to the approval of the Project Manager European/Pakistan.					
	a) 630 KVA	0	Each			
A-3	Supply at work of following HT XLPE armored cables, laying directly in sand layer in already excavated trenches including cable binding ties for single/Three core cables and provision of warning tape as per requirement, WAPDA specifications No P 29/2010, and standards provided in the given drawings subject to the approval of the Project Manager.					
	a) 500 mm ² 1-Core Al/XLPE/AWA/PVC	230	Meter			
	b) 120 mm ² 3-Core Al/XLPE/SWA/PVC	230	Meter			
A-4	Supply at work of following LT 600/1000V cable laid directly in already excavated trenches and provision of warning tape as per requirement, WAPDA specifications No. DDS 8:2007, standards provided in the given drawings, subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	184	Meter			
A-5	Supply at work of following LT(4+1)x1C aluminum Conductor ABC XLPE cable, clamped to the walls using Cable accessories as per site requirement and WAPDA Specifications No. DDS 82:2007 amended to date, and standards provided in the technical					

	specifications and drawings, including Wall Mounted ABC Clamps, Distance, Nail, Universal Hocks, Dead End Clamp etc. subject to the approval of the Project Manager.					
	95mm2 4x1-Core +					
	25mm2 1Core ABC XLPE Cable	196	RM			
A-6	Supply at works of following HT Cables Termination Kits, by using Bi-Metallic Lugs including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with Subject to the approval of the Project Manager.					
	a) 500 mm2 3x1 C/Al/XLPE/PVC	1	Set			
	b) 120 mm2 3 C/Al/XLPE/PVC	0	Each			
A-7	Supply at works of following LT Cable Termination Kits, including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with subject to the approval of the Project Manager.					
	a) 300 mm2 4-Core Al/PVC/PVC	3	Each			
A-8	Supply at works of straight through cable joints (splicing) for 11- KV Cable including preparation of pits as per WAPDA specification No. P 86:80, drawings and to the approval of the Project Manager.					
	a) 500 mm2 3x1 C/Al/XLPE/PVC	1	Set			
	b) 120 mm2 3 C/Al/XLPE/PVC	1	Each			

A-12	Supply at work of Wall Mounted 3-Phase LT Distribution Boxes (Service Box) comprising of Copper Conductor busbar, terminal lugs suitable for 4-Core 300 mm ² LT Al/PVC/PVC cable as per WAPDA specification No. 89:2008, site requirement and drawings including the DB's Numbering, with Brass cable gland subject to the approval of the Project Manager.	3	Each			
A-13	Supply at work, Installation, testing and commissioning of Earth fault Indicators to installed at the output of electrical equipment such as Pad mounted Transformers, 4-way Switches as per WAPDA Specification amended to-date according to approval of the Project Manager..	1	Each			
A-15	Supply, installation and testing of water proof insulated piercing connector, with test voltage of 6 KV / 50Hz/ 1 min in water, for consumer connection form 95 mm ² main ABC cable and 25 mm ² branch copper cable, with fully insulated single bolt to provide safe live line working and piercing both main and branch conductor by single bolt action including shear head bolt and end caps complete in all respect as per drawings, WAPDA and according to the approval of Project Manager.	122	Each			
	Sub-Total					

BILL OF QUANTITIES
URBAN REHABILITATION OF
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO
KATRI HAJI ALLAH BAKHSH PHASE-1

Package-1

B7: Electrical Network

8B. Civil Works

Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
B-1	Construction and Preparation of foundation for Pad Mounted Switches as per WAPDA specification NO.DD-S- 46:90 amended to date, confirming to requirements of Technical Specifications. Standard Drawings and to the approval of the Project Manager.					
	a) 4-Way Type	2	Each			
B-2	Construction and Preparation of foundation for Pad Mounted Distribution Transformers conforming to requirements of Technical Specifications as per WAPDA Specification No.DD-S- 71:2004. Standard Drawings and to the approval of the Project Manager.					
	a) 630 KVA	5	Each			

	Backfill of any type of already Excavated Trench with sand cushion, Supplying and laying of Bricks Protection Cover, after laying of various cables (HT & LT) including, site cleaning etc.; as per drawings and to the approval of the Project Manager.					
B-3	a) Bricks (Protection Cover) (3" thick)	49	m3			
	b) Sand Cushion (4" thick) Filled with Compaction	147	m3			
B-4	Providing, laying, cutting and jointing of uPVC Pipe 6" i/d pipe (Class-E) 15 Bar conforming to BSS-1387-1967 for road Crossing of HT < Cables as per requirements, standards and drawings, complete in all respect subject to the Approval of the Project Manager (including Sockets and Bends)	49	RM			
	Sub-Total:					

BILL OF QUANTITIES						
URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-1						
B7: Electrical Network						
Bill No. 8C. STREET LIGHT SYSTEM						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
C-1	Supply at work, Laying, testing and commissioning of Connection Boxes/Plate complete comprising breakers, connectors, nut & bolts etc. for street light fixture as per drawings, specifications and approval of the Project Manager.					
	25 mm ² 4-Core Al/PVC/PVC Cable	392	RM			
C-2	Supply at work, Installation, complete connections, testing & commissioning of Street Light Control Panel with Photo Cell and Brass Cable Gland complete in all respect including provision for fixing with wall and earthing point, as per drawings and technical specifications subject to the approval of the Project Manager.	24	Each			

C-3	Supply at work, Installation, testing and commissioning of Single-Phase Digital energy meters as per WAPDA specifications according to Drawing provided by manufacturer and approval of the Project Manager	24	Each			
C-4	Supply, installation and testing of water proof insulated piercing connector, with test voltage of 6 KV/50Hz/1 min in water, for consumer connection from 25 mm ² main ABC cable and 25 mm ² branch copper cable, with fully insulated single bolt to provide safe live line working and piercing both main and branch conductor by single bolt action including shear head bolt and end caps complete in all respect as per drawings and approval of the Project Manager.	490	Each			
C-5	Supply at works and Installation, testing and commissioning of 2-Core 2.5mm ² PVC/PVC copper Conductor Cable between 25mm ² ABC XLPE cable and light fixture gear compartment inside the street light fixture, complete in all respects as per design, drawings, specifications, and approval of the Project Manager.	245	RM			

C-6	Supply at work, Installation on street house walls, at identified location/spacing, testing and commissioning of Decorative light fixtures, Pendant Luminaire, Protection Class IP20, Luminaire with lamp base Holder for general service lamps 24 Watt. Antique glass panes, Die cast aluminum, aluminum and stainless steel, Enamel finish, color graphite, pendant luminaire with chain pendant and canopy					
	i) Lamp 23-Watt Energy Saver	220	Each			
	Sub Total:					

BILL OF QUANTITIES						
URBAN REHABILITATION OF						
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO						
KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-1						
B7: Electrical Network						
Bill No. 8D. DISMANTLING COST						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Conductor (HT) DOG	RM	588			
2	Conductor (LT) WASP (ins)	RM	2695			
3	Conductor (LT) ANT (ins)	RM	196			
4	LT CABLE 4-C 120 mm sq	RM	19			
5	HT CABLE 3-C 2/0	RM	49			
6	Steel Structures (HT) 36'	Each	10			
7	Steel Structures (LT) 31'	Each	7			
8	St. Tub. Pole (HT) 36'	Each	12			
9	St. Tub. Pole (LT) 31'	Each	10			
10	Steel Cross Arms	Each	30			
11	Wooden Cross Arms	Each	19			
12	Disc Insulators (11KV)	Each	98			
13	LT Wall Bracket	Each	196			
14	Spool Insulator with D-Shackle	Each	735			
15	Distribution Transformer 100 KVA	Each	1			
16	Distribution Transformer 200 KVA	Each	3			
17	Distribution Transformer 400 KVA	Each	0			
	Sub Total:					

BILL OF QUANTITIES		
URBAN REHABILITATION AND INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1		
Summary of Costs (Package-2)		
Sr No.	Description	Amount (Rs.)
1	Street Surfacing	
2	General Works	
3	Water Supply System	
4	Sewerage System	
5	Storm Water Drainage System	
6	Sui Gas	
7	Electrical Work	
8	Telecom	
Grand Total		

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B1: Street Surfacing						
Sr. #	Item Description	Qty in Unit	Unit of Measuremen t	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1. Lateral Streets Surfacing						
1.1	Providing and laying plain cement concrete (ratio 1:3:6) i/c screening and washing of aggregates mixing, placing, compacting, finishing and curing for base concrete pad as per drawings and specifications complete in all respects as per the instructions of Project Manager.	102.00	Cum			
1.2	Pucca brick tile 230mmx115mmx38mm (9" x 4.5" x 1.5") on edge flooring laid in cement sand mortar (1:4) with surkhi for approved shade in patterns as shown on drawings i/c laying of dressed bricks in rings around manhole covers over a bed of 20mm thick cement mortar (1:6) as per approved pattern and slope required for surface drainage of rain water.	6,133.77	Sqm			

2. Main Road's Surfacing						
2.1	Providing, laying and Compacting Stone ballast 50mm to 63mm (2" to 2 1/2") gauge mixed with 40% stone dust for Pavement foundation complete in all respects as per drawings and instructions of Project Manager.	102.00	Cum			
2.2	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:4:8 i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of Project Manager.	661.47	Cum			
2.3	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete (PCC) 1:2:4 (Using Sargodha Crush and Larwrencepur & Chanab Sand 50/50) i/c screening and washing of aggregates materials as per drawings and specifications complete in all respects as per the instructions of Project Manager.	96.65	Cum			
2.4	Providing PCC 1:1:2, block/spillway below storm water down pipe on main road and streets to avoid scouring as per drawings and specifications and as per the instructions of Project Manager.	51.00	CUM			

2.5	Providing and laying at average 2" thick compacted sand concrete tile 8" x 2.5" x 1.5" full body colored using imported pigment "Byer Brand" of approved by Project Engineer. Including cutting of tiles for fixing in patterns (around the Manhole cover etc.) as shown on drawing complete in all respects excluding sand cushion.	966.45	Sqm			
2.6	Providing and fixing precast Edge Kerb Stone (4"to 6" thick) , of 3500 PSI Compressive Strength, embedded in PCC 1:2:4 over lean concrete 1:4:8 etc. complete in all respect.	577.32	RM			
2.7	Restoration of metaled road , on laid service line, i/c compaction carpeted road, with 50 mm (2") carpet and 250 mm (10") depth of stone metal for sub-base and base as per drawings and specifications and as per the instructions of Project Manager.	306.00	Sqm			
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B2: General Works						
Sr.#	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Dismantling cement concrete (P.C.C.) with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	756	Cum			
2	Dismantling reinforced cement concrete with care protecting adjoining structures, separating reinforcement from concrete cleaning and straightening the same i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	54	Cum			

3	Dismantling of existing brickwork with its surface finishes with care, protecting adjacent surfaces from damage i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	355	Cum			
4	Earthwork excavation in open cutting as shown in drawings including, dressing to correct section and dimensions according to templates and levels as per drawings and removing surface water, in all types of soil except shingle, gravel and rock.	7,559	Cum			
5	Disposal of excavated earth from site, lead upto 10 Km. Complete in all respects.	7,559	Cum			
6	Providing and laying approved quality Ravi sand for backfilling after laying, jointing and testing of services including leveling, watering and compaction up to 95% to maximum modified AASHTO dry density, complete in all respects as per the instructions of Project Manager	4,611	Cum			

7	Provision for making temporary arrangements for continuity of all services to the houses on streets/roads in Pilot Project during dismantling /laying of service lines and dismantling/ installation of house connections inclusive of all incidental costs, (including pumping of under ground water), complete in all respects. Payment shall be made for each of the following separately after complete satisfaction of the Engineer's Incharge.		Nos.			
	i. Water Supply	502				
	ii. Sewer	502				
	iii. Drainage	502				
	iv. Telephone	502				
	v. Sui gas	502				
8	Providing and fixing Muhallah Name Plate 24"x12" with 3M film of stainless-steel including paint and printing etc. as approved by the engineer.	57	Nos.			
9	Provision for Shifting / Repair of Existing Services of WASA, LESCO, PTCL, SNGPL, Ltd etc during execution of		Nos.			

	works as per site Requirements.					
	i. Water Supply	306.00				
	ii. Sewer	178.50				
	iii. Drainage	76.50				
	vi. Sui gas	76.50				
12	Dismantling and removing of existing G.I./C.I. Water supply lines of under given sizes including fittings such as tees, bends, unions, Gibault joints, sluice peat valves etc. The cost of carriage of dismantled material to the place out of project area and handing over to line agency through a signed inventory slip.		RM			
	i. .5" to.75" id size	255				
	i. 1" id size	510				
	i. 1.5" id size	765				
	ii. 2.0" id size	1,020				
	iii. 2.5" id size	1,326				
	iv. 3.0" id size	1,530				
	iii. 4.0" id size	306				
	iii. 6.0" id size	306				
13	Dismantling and removing of existing under given Telecom services . The cost of carriage of dismantled material to the place out of project area and handing		Each			

	over to line agency through a signed inventory slip.					
i	Cab nits	15				
ii	ONU	8				
iii	BLT	66				
iv	DP	189				
v	Steel Poles	36				
vi	Cables	5.10	L.S.			
15	Dismantling carpeted/ metaled road surface upto required depth with care protecting adjoining structures i/c removal and disposal of debris from site to an approved dumping area as per the instructions of Project Manager.	817	cum			
16	Carrying out works at site for structural strengthening, on the basis of geo-technical considerations, of foundations / walls/ columns and other components of the existing old buildings affected by excavations for laying underground infrastructure services as per site requirements and structural design to be provided by the contractor and approved by the Chief Resident Engineer and the Project Manager.		Cum			

	a) PCC Work (1:3:6)	87				
	b) PCC Work (1:2:4)	33				
	c) RCC Work (1:2:4)	33				
	d) Brick Work in 1:4 cement: sand mortar	107				
	e) Cement plaster in 1:4 Cement Sand mortar (13mm thick)	1,071	sqm			
TOTAL AMOUNT:						
AMOUNT IN MILLION:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B3: Water Supply System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working pressure pipe, Beta/ Dadex/ Popular/ IIL or equivalent, in trenches, as approved & directed by the engineer incharge, complete in all respects. (PN-8)		RM			
i	63 mm	1,195.95				
ii	90 mm	1,310.70				
iii	160 mm	577.32				
2	Providing and installing of sluice valve/ flush valve of BSS 3464 Class "B" for HDPE , including cost of jointing material, rubber gasket, Vinking Johson Joints / Dresser Style couplings / Gibault Joints, HDPE stub flanges, tail pieces, backing plates, etc as per drawings and specifications complete in all respects.	-	Each			

i	50 mm (2") internal dia	25.50				
ii	75 mm (3") internal dia	30.60				
iii	150 mm (6") internal dia	9.18				
3	Providing and fixing S.V and making connection of 160 mm HDPE pipe with existing 400 mm CI Pipe including cutting, laying, jointing with fittings and testing as per drawings, design and Instructions of Engineer Incharge complete in all respects.	3.06	Each			
4	Construction of brick masonry (1:4) sluice valve/ flush valve chambers as per design, drawings and Specifications e complete in all respects.	-	Cum			
i	For 50 mm dia S. V	30.09				
ii	For 75 mm dia S. V	35.19				
iii	For 150 mm dia S. V	10.71				
5	Providing plain cement concrete (1:2:4) for thrust blocks including screening and washing of stone aggregates and mixing, placing, compacting finishing and curing as per given drawings and design complete in all respects.	21.55	Cum			
Water Supply House Connections		-				

6	Providing and installing house connection, including HDPE saddle, female threaded elbow with compression fitting , HDPE male threaded adopter 25 mm OD, 90° HDPE bend/elbow with double compression fitting, 25mm OD HDPE Pipe, 19 mm ID G.I Pipe conforming to BSS 1387- (medium weight), G.I sockets, GI Tees, GI barrel nipples, GI elbows, gun metal gate valve, steel fixing hooks, as per given drawings, designs and specifications complete in all respects.	-	Each			
a	From 63 mm HDPE pipe line.	-				
i	Single Connection	306.00				
b	From 90 mm HDPE pipe line.	-				
i	Single Connection	112.20				
iv	Multiple Connection of 4 meter	-				
c	From 160 mm HDPE pipe line.	-				
i	Single Connection	84.15				
iii	Multiple Connection of 3 meter	-	Each			
iv	Multiple Connection of 4 meter	-	Each			
7	Providing, laying, cutting, jointing by approved Chemical at site, testing and disinfecting of HDPE pipe conforming to ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11, including cost of specials, fusion welding, as per drawings and specifications complete in all respects.	-	RM			
i	25 mm	753.53				

8	Providing, fixing, testing and commissioning of gun metal orifice piece of 7mm/10mm/12mm size orifice opening (as per requirement) with male threaded ends on both sides for 19mm ID pipes to be joined, best quality as per sample approved by engineer Incharge, as per drawings and design complete in all respect.	-	Each			
i	Size 7 mm	306.00				
ii	Size 10 mm	175.95				
iii	Size 12 mm	84.15				
9	Providing, fixing, testing and commission water meter of 20 mm size remote sensor readable type best quality foreign made of approved sample as per approved sample complete in all respects.	-	Each			
10	Providing and laying of G.I. pipes confirming to BSS 1387- (medium weight) for house connection from water meter to the point of entry into the house i/c all specials fitting cutting, jointing, jointing materials, covering with protective tape, making holes in walls and filling the same with 1:4 cement sand/lim mortar as the case may be including excavation and backfilling and testing up to required pressure complete in all respects.	-	RM			
i	20 mm (3/4") ID	240.00				
	Fire hydrants	-				

11	Providing, installing and testing Pillar Type Fire Hydrant, Model FHP-002 having 150mm (6") main barrel diameter, 1 No. 100 mm (4") Fire Brigade connection with 100mm (4") size ball sluice valve, 2 No 63mm (2.5") delivery outlets on two sides with sluice valves with blank caps tied and chains, terminating into British Instantaneous Female Coupling (confirming to BSS 336) of size 63 mm (2.5") with 150mm (6") gate valve installed below the Fire Hydrant including cost of all jointing materials i.e. nuts and bolts rubber insertion sheets or any other required fittings as per design and drawings complete in all respects.	3.06	Each			
12	Construction of fare face concrete pad using PCC (1:2:4) including screening and washing of stone aggregates mixing, placing, chamfering of expose sides/corners compacting finishing and curing as per given drawings and design complete in all respects.	3.06	cum			
13	Providing, making and testing connection of Fire Hydrant using C.I pipe including 90-degree flanged bends, Viking Johnson Joints all jointing materials such as nuts, bolts, rubber insertion sheets as per drawings and design complete in all respects.	-				
i	With 160mm dia pipe	3.06	Each			

14	Providing, installing and testing 450mm (18") long Jet Nozzle Brass finished with control valve inlet of 63mm (2.5") Male Instantaneous Coupling and outlet 19mm (0.75") Orifice (Fire chief Brand) as per approved sample and as per the design, drawings and instructions of Engineer Incharge complete in all respects.	3.06	Each			
15	Providing, installing and testing Male and Female Instantaneous Coupling for Fire Fighting Hose pipe according to BSS-336 Standard as per approved sample complete in all respects.	3.06	Each			
Total Amount						
Amount in Million						

BILL OF QUANTITIES						
BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B4: Sewerage System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta/grey color) with i/c rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc., as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.		RM			
i	150 mm (6") Sewer Line	255.00				
ii	200 mm (8") Sewer Line	2506.65				
2	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete (PCC) 1:4:8 i/c screening and washing of aggregates materials under sewerage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	20.40	Cum			

3	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:2:4 i/c screening and washing of aggregates materials under sewerage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	20.40	Cum			
4	Providing, laying, jointing and testing of prefabricated PP manhole chambers for sewerage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	0.00	Each			
i	For 150 mm (6") Sewer Line	51.00				
ii	For 200 mm (8") Sewer Line	168.30				
5	Providing and fixing 100 mm i/d uPVC sewerage pipe (Grey color) with i/c rubber rings and special (All Type) such as elbows, collars, sockets, reducers, bends "Ts" and "Ys" etc. from top roof to street surface complete in all respects as per the instructions of Project Manager.	5320.83	RM			
6	Providing and fixing 100 mm (4") i/d uPVC "T" or "Y" as per requirement, "P trap" & "connecting pipe" 3" to 6" long with vertical uPVC sewer pipe as per drawing complete in all respects i/c provision of cleaning eye with threaded ceiling cap.	1494.30	Each			

7	Providing, laying, Cutting, jointing and testing of 100 mm (4") Dia uPVC horizontal pipe conforming EN 1401,SN8 (SDR 34) standards (Terracotta/grey color) for connection of vertical pipe to man hole using uPVC "Y" junction and "P trap" complete in all respects i/c provision of cleaning eye with threaded ceiling cap as per drawing and design.	920.56	RM			
8	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	195.33	Each			
9	Providing and fixing DI Manhole Cover 600mm Dia for existing RCC Sewer Manhole as per drawing and specifications complete in all respects (As per approved sample)	18.87	Each			
10	Casting of RCC (in approved ratio) manholes for main Drain using sulphate resistant cement in approved ratio using water tight formwork to get fare face finish as per drawing and specifications, Complete in all respects.	0.00	Each			
i	450 mm	18.87				
11	Raising/repair work of existing manholes complete i/c all materials for main sewer.	51.00	Each			
TOTAL AMOUNT:						
AMOUNT IN MILLION:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B5: Storm Water Drainage System						
Sr. #	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
	<u>Lateral Drain</u>					
1	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta color) with rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc., as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.		RM			
i	150 mm (6")	2,805.00				
2	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:4:8 i/c screening and washing of aggregates materials under drainage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	22.95	Cum			

3	Providing mixing, placing, laying, compacting, finishing and curing plain cement concrete PCC 1:2:4 i/c screening and washing of aggregates materials under drainage manholes as per drawings and specifications complete in all respects as per the instructions of Project Manager.	22.95	Cum			
4	Providing, laying, jointing and testing of prefabricated PP manhole chambers for drainage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	-	Each			
i	For 150 mm (6") Dia drain pipe	246.33				
5	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	246.33				
6	Providing, laying, jointing and testing of fabricated uPVC storm water collection chambers 300mm Dia welded with uPVC pipe with 50mm silt traps, 100mm outlet and connecting with uPVC pipe drain as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement and as per the instructions of Project Manager.	418.20	Each			
7	Providing, laying, jointing and testing of uPVC bends of 7½ °, 22½ ° and 45 ° conforming EN 1401, SN8 (SDR 34) standards (Terracotta colour) with spigot x socket ends with rubber rings, as per site requirement.	-	Each			

i	Size 100 mm	963.90				
ii	Size 150 mm	51.00				
8	Providing and fixing 100 mm i/d uPVC storm water pipe with rubber rings from top roof to street surface.	2,108.34	RM			
9	Providing and fixing 100 mm i/d uPVC "Bends at top & in street" connecting vertical uPVC pipe including "2 to 3' long piece of pipe", "Floor trap" & "PCC 1:2:4 Khurra 1.5' x 1.5' i/c "T or Y for connecting pipe from intermediate floor ".	1,004.70	Each			
10	Providing and laying R.C.C Grating 300 mm Dia covers for storm drains i/c RCC ring around the chamber for resting of manhole cover as per approved design matching with the street surfacing, complete in all respects.	418.20	Each			
	<u>Main Drain</u>	-				
11	Providing, cutting, laying to the designed gradient, jointing and testing uPVC pipe conforming to EN 1401,SN8 (SDR 34) standards (Terracotta color) with rubber rings and specials such as elbows, collars, sockets, reducers, increasers, plugs, bends (22.5°, 45°, 90°) etc., as per site requirements according to design and drawings and to the entire satisfaction of the Project Manager, complete in respects.	-	RM			
i	150 mm (6")	577.32				

12	Providing, laying, jointing and testing of prefabricated PP manhole chambers for drainage as per approved samples, with rubber seal joints for inlet, outlet and riser pipes as per site requirement.	-	Each			
i	For 150 mm (6") dia drain pipe	117.30				
13	Providing and laying R.C.C manhole covers with MS angle iron frame size of 350mm including female part for PP prefabricated manholes as per approved design and drawing as per approved sample in the streets complete in all respect.	117.30				
14	Providing mixing, placing, compacting, laying, finishing and curing plain cement concrete PCC 1:3:6 i/c screening and washing of aggregates materials under for bedding under storm drain as per drawings, gradient and specifications complete in all respects as per the instructions of Project Manager.	8.16	Cum			
15	Providing and laying of GRP Pipe, conforming to ASTM, D-3517 Class "B" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and gradient, cutting, fixing, testing and jointing, for main drain complete in all respects as per drawings and specifications and instructions of Project Manager.	-	RM			
i	300 mm	5.10				
ii	450 mm	288.66				

16	Casting of RCC (in approved ratio) manholes for main Drain using sulphate resistant cement in approved ratio using water tight formwork to get fare face finish as per drawing and specifications, Complete in all respects.	-	Each			
i	300 mm	2.55				
ii	450 mm	20.40				
17	Providing and fixing Perforated DI Manhole Cover 600mm Dia for RCC Strom Water Manhole as per drawing and specifications complete in all respects (As per approved sample).	22.95	Each			
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES						
"BHATTI TO TAXALI PHASE I "URBAN REHABILITATION OF FACADES & INFRASTRUCTURE IMPROVEMENT FROM BHAATI GATE TO KATRI HAJI ALLAH BAKSH (TAVEELA SHEIKHEN) INSIDE WALLED CITY, LAHORE"						
Package-2						
B6: Sui Gas						
Sr.#	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Providing, installing and testing of domestic natural (Sui) gas meters according to ANSI B 109.1 (latest Edition)/O.I.M.L of diaphragm type with positive gas displacement, suitable for gas having specific gravity 0.5-0.7 and flow measurement accuracy between + 1.5% to + 3% workable at average base pressure of 14.65 PSI and base temperature of 60 °F with operative range of -20 °c to +50 °c having meter counter protected from running backwards with direct reading front counter, with diaphragm of temperature resistance and synthetic rubber with longer life, the meter shall have pressure dye cast aluminum housing with separate inserted steel ferule threads NPT male or reinforced steel ferule threaded NPT male to resist operating pressure of 1.5 bars complete with		Each			

	<p>flow capacity of 6-7 m3/hour (Q-max) and 0.04 m3/hour (Q-min) in SCFH of natural gas at 0.5" WC differential and 0.6 specific gravity of gas at 14.65 PSI and 60°F with inlet and outlet ferule size of 19mm Dia with other features, accessories and performance requirements against damage due to incidental fall or other mechanical impacts as mentioned in Contract Technical specification complete in all respects as selected, approved, calibrated and sealed by SNGPL and as per sample approved by Project Manager.</p>				
<p>2</p>	<p>Providing, installing and testing of commercial natural (Sui) gas meters according to ANSI B109.1 (latest Edition)/O.I.M.L of diaphragm type with positive gas displacement, suitable for gas having specific gravity 0.5-0.7 and flow measurement accuracy between + 1.5% to + 3% workable at average base pressure of 14.73 PSI and base temperature of 60 °F with operative range of -34 °c to +49 °c having meter counter protected from running backwards with direct reading front counter, with diaphragm of temperature resistance and synthetic rubber with longer life, the meter shall have pressure dye cast aluminum housing with separate inserted steel ferule threads NPT male or reinforced steel ferule</p>		<p>Each</p>		

	<p>threaded NPT male with MAOP of 5 PSIG complete with flow capacity of 7.1/5.5 m3/hour (Q-max) in SCFH of natural gas at 0.5" WC differential and 0.6 specific gravity of gas at 14.73 PSI and 60°F with inlet and outlet ferule size of 19mm to 25mm Dia or as sanctioned by SNGPL with other features, accessories and performance requirements against damage due to incidental fall or other mechanical impacts as mentioned in Contract Technical specification complete in all respects as selected, approved, calibrated and sealed by SNGPL and as per sample approved by Project Manager.</p>					
3	<p>Providing, fixing, testing and commissioning HDPE gas pipe manufactured from bright yellow/green HDPE 80 raw material of approved manufacturers and confirming to ISO 4437, ASTM D-2513 and ISO 4427-2:2007 (E) PE 100 PN 10, SDR 11 including specials, complete in all respects as per drawings and project specifications.</p>		RM			
i	25 mm O/D pipe	1,057				
ii	32 mm O/D pipe	2,096				
iii	63 mm O/D pipe	572				

4	Providing and laying of gas house connection including Polyethylene fittings, fusion Jointing, Transition Pieces, GI Pipe and Fittings complete in all respect as per contract specifications. Cost of dismantled material making inventory and handing over the SNGPL Ltd. existing material and G.I pipe handing over to the honors.	186	Each			
5	Providing, fixing and installation of control valve of SNGPL standard as per approved sample including valve chamber and connection with the existing distribution network including specials, complete in all respects.	-	Each			
i	For 25 mm line	467				
ii	For 32 mm line	216				
iii	For 63 mm line	51				
Total Amount:						
Amount in Million:						

BILL OF QUANTITIES		
URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1		
Summary of Package-1 (Electrical Work)		
B7: Electrical Network		
Bill No.	Description	Amount (Rupees)
8	Electrical Work	
8A	<i>Sub Total of Item - A.</i>	
	H.T. & L.T. OUTDOOR PAD MOUNTED EQUIPMENT.	
8A(i)	<i>Sub Total of Item - A. (10% Increased Qty)</i>	
	H.T. & L.T. OUTDOOR PAD MOUNTED EQUIPMENT.	
8B	<i>Sub Total of Item - B.</i>	
	H.T. & L.T. CABLE SYSTEM. (Civil Works)	
8C	<i>Sub Total of Item - C.</i>	
	STREET LIGHT SYSTEM.	
8D	<i>Sub Total of Item - D.</i>	
	LESCO Dismantling Material	
8E	LESCO DESIGN VETTING CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
8F	LESCO SUPERVISION CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
	TOTAL	
	TOTAL IN MILLION	

BILL OF QUANTITIES URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-2						
B7: Electrical Network						
Bill No. 8A. HT & LT OUTDOOR PAD MOUNTED EQUIPMENT						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
A-1	Supply at work, Installation, testing and commissioning of following HT pad mounted gas insulated RMU out door as per WAPDA Specification No. DD-S-46:90 amended to-date and Technical Specifications and Drawings, provided by the manufacturer, prepared foundation with subject to the approval of the Project Manager European/Pakistan.					
	a) 4-Way Type	3	Each			
A-2	Supply at work, Installation, testing and commissioning of following outdoor type Pad Mounted distribution transformers and required number of H.T. switches, HRC fuses etc., for H.T. Cable connections and MCCB of required ratings conforming to relevant WAPDA Specifications No. DDS 71:2004,					

	Technical Specifications/ Standards, with prepared foundation subject to the approval of the Project Manager European/Pakistan.					
	a) 630 KVA	5	Each			
A-3	Supply at work, Laying, testing and commissioning of following HT XLPE armored cables, laying directly in sand layer in already excavated trenches including cable binding ties for single/Three core cables and provision of warning tape as per requirement, WAPDA specifications No P 29/2010, and standards provided in the given drawings subject to the approval of the Project Manager.					
	a) 500 mm ² 1-Core Al/XLPE/AWA/PVC	2330	RM			
	b) 120 mm ² 3-Core Al/XLPE/SWA/PVC	2330	RM			
A-4	Supply at work, Laying, testing and commissioning of following LT 600/1000V cable laid directly in already excavated trenches and provision of warning tape as per requirement, WAPDA specifications No. DDS 8:2007, standards provided in the given drawings, subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	1950	RM			
A-6	Supply at works, Installation, Testing and commissioning of following HT Cables Termination Kits, by using Bi-Metallic Lugs including numbering and Brass Glandings as per site requirements, standards, WAPDA specifications No.					

	P148:86, with Subject to the approval of the Project Manager.					
	a) 500 mm ² 3x1C Al/XLPE/PVC	13	Set			
	b) 120 mm ² 3C Al/XLPE/PVC	10	Each			
A-7	Supply at works, Installation, Testing and commissioning of following LT Cable Termination Kits, including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	30	Each			
A-8	Supply at works, Installation, Testing and Commissioning of straight through cable joints (splicing) for 11-KV Cable including preparation of pits as per WAPDA specification No. P 86:80, drawings and to the approval of the Project Manager.					
	a) 500 mm ² 3x1 C/Al/XLPE/PVC	3	Set			
	b) 120 mm ² 3 C/Al/XLPE/PVC	5	Each			
A-11	Providing and installation of HT & LT Cable Route Markers with warning tape complete in all respect as per given drawing subject to the approval of the Project Manager.	30	Each			
A-12	Supply at work, Installation, testing and commissioning of Wall Mounted 3-Phase LT Distribution Boxes (Service Box) comprising of Aluminum Conductor busbar, terminal lugs suitable for 4-Core 300 mm ² LT Al/PVC/PVC cable as per WAPDA specification No. 89:2008 ,site requirement and drawings including the	23	Each			

	DB's Numbering, with Brass cable gland subject to the approval of the Project Manager..					
A-13	Supply at work, Installation, testing and commissioning of Earth fault Indicators to installed at the output of electrical equipment such as Pad mounted Transformers, 3-way and 4-way Switches as per WAPDA Specification amended to-date according to approval of the Project Manager.	11	Each			
A-16	Supply at works, installation, testing & commissioning of Earthing System for HT 3-Way, 4-Way RMU, Pad Mounted Distribution Transformers and LT Distribution Boxes, including ground conductor (10 mm stranded G.I wire), clamp, M.S galvanized earth rod 5/8" x 10' and earth rod clamp etc; (Bore Type till water level) to achieve the specified earthing results up to 5 Ohms as per WAPDA Specifications required for completion of the item as per technical specifications with subject to the approval of the Project Manager.	30	Each			
A-17	GI wire (10mm Dia) for Earthing of Pad Mounted Transformer, HT Switches and LT Distribution Boxes (6kg per earth)	565	kg			
	Sub-Total					

BILL OF QUANTITIES						
URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-2						
B7: Electrical Network						
Bill No.8A(i) 10 % Additional Material for Maintenance as per LESCO Requirement						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
A-1	Supply at work of following HT pad mounted gas insulated RMU out door as per WAPDA Specification No. DD-S-46:90 amended to-date and Technical Specifications and Drawings, provided by the manufacturer, prepared foundation with subject to the approval of the Project Manager European/Pakistan.					
	a) 4-Way Type	0	Each			
A-2	Supply at work of following outdoor type Pad Mounted distribution transformers and required number of H.T. switches, HRC fuses etc., for H.T. Cable connections and MCCB of required ratings conforming to relevant WAPDA Specifications No. DDS 71:2004, Technical Specifications/ Standards, with prepared foundation subject to the					

	approval of the Project Manager European/Pakistan.					
	a) 630 KVA	1	Each			
A-3	Supply at work of following HT XLPE armored cables, laying directly in sand layer in already excavated trenches including cable binding ties for single/Three core cables and provision of warning tape as per requirement, WAPDA specifications No P 29/2010, and standards provided in the given drawings subject to the approval of the Project Manager..					
	a) 500 mm ² 1-Core Al/XLPE/AWA/PVC	233	Meter			
	b) 120 mm ² 3-Core Al/XLPE/SWA/PVC	233	Meter			
A-4	Supply at work of following LT 600/1000V cable laid directly in already excavated trenches and provision of warning tape as per requirement, WAPDA specifications No. DDS 8:2007, standards provided in the given drawings, subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	195	Meter			
A-5	Supply at work of following LT (4+1)x1C aluminum Conductor ABC XLPE cable, clamped to the walls using Cable accessories as per site requirement and WAPDA Specifications No. DDS 82:2007 amended to date, and standards provided in the technical					

	specifications and drawings, including Wall Mounted ABC Clamps, Distance, Nail, Universal Hocks, Dead End Clamp etc. subject to the approval of the Project Manager.					
	95mm2 4x1-Core +					
	25mm2 1Core ABC XLPE Cable	204	RM			
A-6	Supply at works of following HT Cables Termination Kits, by using Bi-Metallic Lugs including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with Subject to the approval of the Project Manager.					
	a) 500 mm ² 3x1 C/Al/XLPE/PVC	3	Set			
	b) 120 mm ² 3 C/Al/XLPE/PVC	2	Each			
A-7	Supply at works of following LT Cable Termination Kits, including numbering and Brass Glanding's as per site requirements, standards, WAPDA specifications No. P148:86, with subject to the approval of the Project Manager.					
	a) 300 mm ² 4-Core Al/PVC/PVC	3	Each			
A-8	Supply at works of straight through cable joints (splicing) for 11- KV Cable including preparation of pits as per WAPDA specification No. P 86:80, drawings and to the approval of the Project Manager.					
	a) 500 mm ² 3x1 C/Al/XLPE/PVC	0	Set			
	b) 120 mm ² 3 C/Al/XLPE/PVC	1	Each			

A-12	Supply at work of Wall Mounted 3-Phase LT Distribution Boxes (Service Box) comprising of Copper Conductor busbar, terminal lugs suitable for 4-Core 300 mm ² LT Al/PVC/PVC cable as per WAPDA specification No. 89:2008, site requirement and drawings including the DB's Numbering, with Brass cable gland subject to the approval of the Project Manager.	4	Each			
A-13	Supply at work, Installation, testing and commissioning of Earth fault Indicators to installed at the output of electrical equipment such as Pad mounted Transformers, 4-way Switches as per WAPDA Specification amended to-date according to approval of the Project Manager.	2	Each			
A-15	Supply, installation and testing of water proof insulated piercing connector, with test voltage of 6 KV / 50Hz/ 1 min in water, for consumer connection form 95 mm ² main ABC cable and 25 mm ² branch copper cable, with fully insulated single bolt to provide safe live line working and piercing both main and branch conductor by single bolt action including shear head bolt and end caps complete in all respect as per drawings, WAPDA and according to the approval of Project Manager.	128	Each			
	Sub-Total					

BILL OF QUANTITIES						
URBAN REHABILITATION OF INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-2						
B7: Electrical Network						
B7. Civil Works						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
B-1	Construction and Preparation of foundation for Pad Mounted Switches as per WAPDA specification No. DD-S- 46:90 amended to date, confirming to requirements of Technical Specifications. Standard Drawings and to the approval of the Project Manager.					
	a) 4-Way Type	3	Each			
B-2	Construction and Preparation of foundation for Pad Mounted Distribution Transformers conforming to requirements of Technical Specifications as per WAPDA Specification No. DD-S-71:2004. Standard Drawings and to the approval of the Project Manager.					
	a) 630 KVA	5	Each			

B-3	Backfill of any type of already Excavated Trench with sand cushion, Supplying and laying of Bricks Protection Cover, after laying of various cables (HT & LT) including, site cleaning etc.; as per drawings and to the approval of the Project Manager.					
	a) Bricks (Protection Cover) (3" thick)	51	m3			
	b) Sand Cushion (4" thick) Filled with Compaction	153	m3			
B-4	Providing, laying, cutting and jointing of uPVC Pipe 6" i/d pipe (Class-E) 15 Bar conforming to BSS-1387-1967 for road Crossing of Ht < Cables as per requirements, standards and drawings, complete in all respect subject to the Approval of the Project Manager (including Sockets and Bends)	51	RM			
	Sub-Total:					

BILL OF QUANTITIES						
URBAN REHABILITATION OF						
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO						
KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-2						
B7: Electrical Network						
Bill No. 8C. STREET LIGHT SYSTEM						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
C-1	Supply at work, Laying, testing and commissioning of Connection Boxes/Plate complete comprising breakers, connectors, nut & bolts etc. for street light fixture as per drawings, specifications and approval of the Project Manager.					
	25 mm ² 4-Core Al/PVC/PVC Cable	408	RM			
C-2	Supply at work, Installation, complete connections, testing & commissioning of Street Light Control Panel with Photo Cell and Brass Cable Gland complete in all respect including provision for fixing with wall and earthing point, as per drawings and technical	26	Each			

	specifications subject to the approval of the Project Manager.					
C-3	Supply at work, Installation, testing and commissioning of Single-Phase Digital energy meters as per WAPDA specifications according to Drawing provided by manufacturer and approval of the Project Manager	26	Each			
C-4	Supply, installation and testing of water proof insulated piercing connector, with test voltage of 6 KV/50Hz/1 min in water, for consumer connection from 25 mm ² main ABC cable and 25 mm ² branch copper cable, with fully insulated single bolt to provide safe live line working and piercing both main and branch conductor by single bolt action including shear head bolt and end caps complete in all respect as per drawings and approval of the Project Manager.	510	Each			
C-5	Supply at works and Installation, testing and commissioning of 2-Core 2.5mm ² PVC/PVC copper Conductor Cable between 25mm ² ABC XLPE cable and light fixture gear compartment inside the street light fixture, complete in all respects as per design, drawings,	255	RM			

	specifications, and approval of the Project Manager.					
C-6	Supply at work, Installation on street house walls, at identified location/ spacing, testing and commissioning of Decorative light fixtures, Pendant Luminaire, Protection Class IP20, Luminaire with lamp base Holder for general service lamps 24 Watt. Antique glass panes, Die cast aluminum, aluminum and stainless steel, Enamel finish, color graphite, pendant luminaire with chain pendant and canopy					
	i) Lamp 23-Watt Energy Saver	250	Each			
	Sub Total:					

BILL OF QUANTITIES
URBAN REHABILITATION OF
INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO
KATRI HAJI ALLAH BAKHSH PHASE-1

Package-2

B7: Electrical Network

Bill No. 8D. DISMANTLING COST

Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (to be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
1	Conductor (HT) DOG	RM	612			
2	Conductor (LT) WASP (ins)	RM	2805			
3	Conductor (LT) ANT (ins)	RM	204			
4	LT CABLE 4-C 120 mm sq	RM	21			
5	HT CABLE 3-C 2/0	RM	51			
6	Steel Structures (HT) 36'	Each	10			
7	Steel Structures (LT) 31'	Each	8			
8	St. Tub. Pole (HT) 36'	Each	13			
9	St. Tub. Pole (LT) 31'	Each	10			
10	Steel Cross Arms	Each	30			
11	Wooden Cross Arms	Each	21			
12	Disc Insulators (11KV)	Each	102			
13	LT Wall Bracket	Each	204			
14	Spool Insulator with D-Shackle	Each	765			

15	Distribution Transformer 100 KVA	Each	1			
16	Distribution Transformer 200 KVA	Each	3			
17	Distribution Transformer 400 KVA	Each	1			
	Sub Total:					

BILL OF QUANTITIES		
URBAN REHABILITATION AND INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1		
Summary of Package-3 (Electrical Work)		
Bill No.	Description	Amount (Rupees)
8-A2	Sub Total of Item 8-A2	
	ABC Cables & MDBs/SDBs	
8B	LESCO DESIGN VETTING CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
8C	LESCO SUPERVISION CHARGES @ 1.5% OF TOTAL ESTIMATED COST	
	TOTAL	
	TOTAL IN MILLION	

BILL OF QUANTITIES						
URBAN REHABILITATION AND INFRASTRUCTURE IMPROVEMENT PROJECT FROM BHATTI GATE TO KATRI HAJI ALLAH BAKHSH PHASE-1						
Package-3						
Bill No. 8-A2 ABC Cables & MDBs/SDBs (Electrical Network)						
Item No.	Item Description	Qty in Unit	Unit of Measurement	Tendered Unit Rates (To be filled by the tenderer)		
				In Figures (Rs.)	In Words (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
A-5	Supply at work, Installation, testing and commissioning of following LT (4+1) x1C aluminum Conductor ABC XLPE cable, clamped to the walls using Cable accessories as per site requirement and WAPDA Specifications No. DDS 82:2007 amended to date, and standards provided in the technical specifications and drawings, including Wall Mounted ABC Clamps, Distance, Nail, Universal Hocks, Dead End Clamp and End Caps. subject to the approval of the Project Manager.					
	95mm2 4x1-Core +					
	25mm2 1Core ABC XLPE Cable	4800	RM			
A-9	Supply at works, Installation, testing and commissioning of 2-Core 10 mm ² Al/PVC / PVC to be used between Single Phase Energy Meter and LT ABC XLPE Cable, complete in all respects as per design and	2200	RM			

	WAPDA specifications subject to the approval of the Project Manager.					
A-10	Supply at works, Installation, testing and commissioning of 4-Core 25 mm ² Al/PVC/PVC, to be used between Three Phase Energy Meter and LT ABC XLPE Cable, complete in all respects as per design and WAPDA specifications subject to the approval of the Project Manager.	200	RM			
A-12	Supply at work, Installation, testing and commissioning of Wall Mounted 3-Phase LT Distribution Boxes (Service Box) comprising of Aluminum Conductor busbar, terminal lugs suitable for 4-Core 300 mm ² LT Al/PVC/PVC cable as per WAPDA specification No. 89:2008, site requirement and drawings including the DB's Numbering, with Brass cable gland subject to the approval of the Project Manager.	5	Each			
A-14	Supply at work, Installation, testing and commissioning of following Digital energy meters as per WAPDA specifications manufacturer and approval of the Project Manager.					
	a) Single Phase (1x30 Amp,250 Volt)	1010	Each			
	b) Three Phase (3x80 Amp,400 Volt)	100	Each			

A-15	Supply, installation and testing of water proof insulated piercing connector, with test voltage of 6 KV / 50Hz/ 1 min in water, for consumer connection form 95 mm ² main ABC cable and 25 mm ² branch copper cable, with fully insulated single bolt to provide safe live line working and piercing both main and branch conductor by single bolt action including shear head bolt and end caps complete in all respect as per drawings, WAPDA and according to the approval of Project Manager.	2500	Each			
A-16	Supply at works, installation, testing & commissioning of Earthing System for LT Distribution Boxes, including ground conductor (10 mm stranded G.I wire), clamp, M.S galvanized earth rod 5/8" x 10' and earth rod clamp etc.; (Bore Type till water level) to achieve the specified earthing results up to 5 Ohms as per WAPDA Specifications required for completion of the item as per technical specifications with subject to the approval of the Project Manager.	20	Each			
A-17	GI wire (10mm Dia) for Earthing of LT Distribution Boxes	380	kg			
	Total of HT & LT Material -(A)					

2. Schedule of Payment Currencies

NOT APPLICABLE

3. Schedule of Adjustment Data

Element Number	Element Description	Bidder's Amount [PKR]	Bidder's Proposed Weighting for Coefficients*
i.	Non-adjustable		a: (0.2)
ii.	Cement (OPC)		b: ()
iii.	Steel (M.S. bars [deformed, 40/60 grade]		c: ()
iv.	High Speed Diesel		d: ()
v.	Labour (Un-skilled/skilled)		e: ()
vi.	HDPE/PVC Pipe		f: ()
vii.	RCC Pipe		g: ()
viii.	Bricks		h: ()
ix.	Crush		i: ()
Total			1.00

* The Bidder shall enter a value within the range such that the total weighting shall be equal to 1.00.

The base and current rates of each cost element shall be taken from the notification(s) by Finance Department of Government of the Punjab for Price Variation Adjustment for the district prescribed in the list, nearest to the location of the Works.

Note:

1. Cement (OPC) [Bags] shall represent all kinds of Cement.
2. Steel (M.S. bars deformed, 40/60 grade) shall represent all kinds of steel reinforcing bars and structural steel and all kind of MS angle/sheet and sections.
3. High Speed Diesel [Litre] shall represent all kinds of fuels and lubricants.
4. Labour (Un-skilled/skilled) shall represent all kinds of labour.
5. HDPE/PVC pipe shall represent all kind of pressure (PN)/class and size of pipes
6. RCC pipes shall represent all kinds/class and size of pipes
7. Bricks shall represent all kind of bricks, bricks ballast and bricks tiles
8. Crush shall represent all size and grade of crush

Form of Bid Security

Form of Bid Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:

[Insert name and address of the Employer]

Request for Bids No: *_[Insert reference number for the Request 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 Request for Bids No. *[insert number]* ("the RFB").

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

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[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 ("the Bid Validity Period"), 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 in relation to such contract agreement; 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(s)]

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

Form of CDR Undertaking

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:

[Insert name and address of the Employer]

Request for Bids No: *_[Insert reference number for the Request for Bids]*

Date: *[Insert date of issue]*

CDR 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 Request for Bids No. *[insert number]* ("the RFB").

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

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 ("the Bid Validity Period"), 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 in relation to such contract agreement; 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.

[signature(s)]

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

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:	

Bidding
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	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 (i) 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 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 (i) 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 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.

Bidding
Forms

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/Forms included hereunder

The information provided in the Forms shall be substantiated with valid documentary evidences otherwise the requirement will not be considered as complied.

Form ELI -1.1: Bidder Information Form

Date: _____
RFB 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 4.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none">• Legal and financial autonomy• Operation under commercial law• Establishing that the Bidder is not under the supervision of the Employer
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]</i>

Form ELI -1.2: Information Form for JV Bidders

(to be completed for each member of Joint Venture)

Date: _____

RFB 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 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and is not under the supervision of the Employer, in accordance with ITB 4.6.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.]</i>

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

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB No. and title: _____

Page _____ of _____ pages

Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, requirement 2.1			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (Equivalent PKR)
<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 nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.			

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (Equivalent PKR)
		Contract Identification: _____ Name of Employer: _____ Address of Employer: _____ Matter in dispute: _____ Party who initiated the dispute: _____ Status of dispute: _____	
		Contract Identification: Name of Employer: Address of Employer: Matter in dispute: Party who initiated the dispute: Status of dispute:	
Litigation History in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4.			
<input type="checkbox"/> Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (Equivalent PKR)
<i>[insert year]</i>	<i>[insert 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> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

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]

Bidder's Name: *[insert full name]*
Date: *[insert day, month, year]*
Joint Venture Member's Name: *[insert full name]*
RFB No. and title: *[insert RFB 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 (Equivalent PKR)
<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> Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	<i>[insert amount]</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 (Equivalent PKR)
<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 FIN – 3.1: Financial Situation and Performance

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB No. and title: _____

Page _____ of _____ pages

1. Financial Data

Type of Financial Information in (PKR)	Historic information for previous three (03) years, (Equivalent PKR, exchange rate)		
	Year 1	Year 2	Year 3
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 PKR)
1		
2		
3		

3. Financial documents

The Bidder and its parties shall provide copies of financial statements for three (03) 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 statements¹¹ for the three (03) years required above; and complying with the requirements

¹¹ 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.

Current Contract Commitments / Works in Progress

Bidders and each member 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.

Current Contract Commitments					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work [Current PKR Equivalent]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [Eq. PKR/month]
1					
2					
3					
4					
5					

Form FIN - 3.2: Average Annual Construction Turnover

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB No. and title: _____

Page _____ of _____ pages

		Annual turnover data (construction only)	
Year	Amount Currency	Exchange rate	PKR equivalent
<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 EXP - 4.1: General Construction Experience

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB 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: Specific Construction and Contract Management Experience

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB 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			Eq. PKR *	
If member in a JV or subcontractor, specify participation in total Contract amount			*	
Employer's Name:				
Address:				
Telephone/fax number				
E-mail:				

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

Similar Contract No.	Information
Description of the similarity in accordance with Sub-Factor 4.2 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	

Section V - Eligible Countries

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

In reference to ITB 4.8, 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 4.8(a) and 5.1: Israel

Under ITB 4.8(b) and 5.1: Israel

Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

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

2. Requirements

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

2.2 To this end, the Bank:

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

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

-
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring mis-procurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
 - d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹² (ii) to be a nominated¹³ sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
 - e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect¹⁴ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹² For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

¹³ A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

¹⁴ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 3 – Conditions of Contract and Contract Forms

Section VIII - General Conditions of Contract

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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 Manager, 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 Manager 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 Manager 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 Manager 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 Manager 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 Manager) 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 document 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 Manager.
- (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 Manager 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 Manager 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,¹ 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 Manager’s Decisions**
- 4.1 Except where otherwise specifically stated, the Project Manager 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 Manager 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.
- 7. Subcontracting**
- 7.1 The Contractor may subcontract with the approval of the Project Manager, 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

¹ In lump sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

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 Manager. The Project Manager 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.
- 9.2 If the Project Manager 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.
- 9.3 If the Employer, Project Manager or Contractor determines, that any employee of the Contractor be determined to have engaged in Fraud and Corruption 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 Manager for the Project Manager'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 Manager.

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 Manager, and complete them by the Intended Completion Date.
- 17. Approval by the Project Manager** 17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.
- 17.2 The Contractor shall be responsible for design of Temporary Works.
- 17.3 The Project Manager’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 Manager 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 The 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 Manager of such discoveries and carry out the Project Manager’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 Manager and any person authorized by the Project Manager 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 Manager 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 subconsultants 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 Pursuant to paragraph 2.2 e. of Appendix B to the General Conditions, the Contractor shall permit and shall cause its subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, 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 subconsultants' attention is drawn to Sub-Clause 25.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).]
- 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 Manager was either outside the authority given to the Project Manager 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 Manager'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. Fraud and Corruption

- 25.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Appendix 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 Manager 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 Manager 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 Manager 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 Manager.

- 26.4 The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager 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 Manager 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 Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager 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 Manager 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 Manager**
- 29.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 30. Management Meetings**
- 30.1 Either the Project Manager 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 Manager 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 Manager 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 Manager 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 Manager 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 Manager 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 Manager.

C. Quality Control

- 32. Identifying Defects** 32.1 The Project Manager 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 Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.
- 33. Tests** 33.1 If the Project Manager 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 Manager 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 Manager's notice.
- 35. Uncorrected Defects** 35.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

- 36. Contract Price²** 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 Price³** 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 Contract Price, the Project Manager shall adjust the rate to allow for the change. The Project Manager 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 Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.
- 38. Variations** 38.1 All Variations shall be included in updated Programs⁴ produced by the Contractor.
- 38.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
- 38.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.
- 38.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered

² 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 Manager. 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.

³ In lump sum contracts, replace entire GCC Clause 37 with new GCC Sub-Clause 37.1, as follows:

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.

⁴ In lump sum contracts, add "and Activity Schedules" after "Programs."

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 Manager, 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.⁵
- 38.7 Value Engineering: The Contractor may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;
- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
 - (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Employer may incur in implementing the value engineering proposal; and
 - (c) a description of any effect(s) of the change on performance/functionality.

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

- (a) accelerate the contract completion period; or
- (b) reduce the Contract Price or the life cycle costs to the Employer; or
- (c) improve the quality, efficiency, safety or sustainability of the Facilities; or
- (d) yield any other benefits to the Employer,

without compromising the functionality of the Works.

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

⁵ In lump sum contracts, delete this paragraph.

- (a) a reduction of the Contract Price; the amount to be paid to the Contractor shall be the **percentage specified in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Contractor shall be the full increase in the Contract Price.

39. Cash Flow Forecasts

39.1 When the Program,⁶ is updated, the Contractor shall provide the Project Manager 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 Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

40.2 The Project Manager 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 Manager.

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.⁷

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

40.6 The Project Manager 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 Manager 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

⁶ In lump sum contracts, add "or Activity Schedule" after "Program."

⁷ 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."

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.

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 Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
- (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
- (e) The Project Manager 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 Manager 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 Manager unreasonably delays issuing a Certificate of Completion.

42.2 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 Manager 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.

42.3 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 Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event.

42.4 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 Manager.

43. Tax

43.1 The Project Manager 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:

$$P_c = A_c + B_c \text{Imc/Ioc}$$

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 coefficients⁸ **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 Manager, in accordance with GCC 53.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager 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 Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest 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

⁸ 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.

is earlier than the Intended Completion Date. The Project Manager 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 Manager.
- 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. Dayworks

- 51.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used only when the Project Manager 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 Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.

51.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks 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 Manager to issue a Certificate of Completion of the Works, and the Project Manager 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 Manager's issuing a certificate of Completion.

55. Final Account

55.1 The Contractor shall supply the Project Manager 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 Manager 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 Manager 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 Manager 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 Manager's approval, the Project Manager 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 Manager;

- (b) the Project Manager 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 Manager is not paid by the Employer to the Contractor within 84 days of the date of the Project Manager's certificate;
- (e) the Project Manager 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 Manager;
- (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 number 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 Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix A to the GCC, in competing for or in executing the Contract, then the Employer may, after giving fourteen (14) days written notice to the Contractor, terminate the Contract and expel him from the Site.

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

57.4 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.

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

58. Payment upon Termination

58.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered fewer 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 Manager 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 Manager 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 to it within the 28 days for payment provided for in Sub-Clause 40.1, the Contractor may immediately issue a 14-day termination notice.

APPENDIX A TO GENERAL CONDITIONS

Fraud and Corruption

(Text in this Appendix shall not be modified)

1. Purpose

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

2. Requirements

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

2.2 To this end, the Bank:

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

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

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring mis-procurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders(applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

APPENDIX B

Environmental, Social, Health and Safety (ESHS)

Metrics for Progress Reports

[Note to Employer: the following metrics may be amended to reflect the Employer's environmental, social, health and safety policies and/or the ESHS requirements of the project. The metrics that are required should be determined by the ESHS risks of the Works and not necessarily by the scale of the Works]

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:*
 - iii. *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 waterings/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

A. General	
GCC 1.1 (d)	The financing institution is: World Bank/IDA
GCC 1.1 (r)	The Employer is: Project Director Punjab Tourism for Economic Growth Project (PTEGP) Address: Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan Telephone: 042 99332607 Electronic mail address: pmuptegp@gmail.com
GCC 1.1 (v)	The Intended Completion Date for the whole of the Works shall be October 31, 2024.
GCC 1.1 (y)	The Project Manager is Project Director-PMU-PTEGP Address: Punjab Tourism for Economic Growth Project (PTEGP) Scotch Corner, 175-A Street 4, Upper Mall Scheme, Lahore, Punjab, Pakistan Telephone: 042 99332607 Electronic mail address: pmuptegp@gmail.com
GCC 1.1 (aa)	The Site is located at [Bhatti Katri Haji Allah Bakhsh (Taveela Shaikhen) Walled City]and is defined in drawings. <i>[Drawings of all 3 Packages will be uploaded on website of PTEGP]</i>
GCC 1.1 (dd)	The Start Date shall be <i>the Date of Signing of Contract.</i>
GCC 1.1 (hh)	The Works are described in Section VII –“Works’ Requirements”
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 Applicable
GCC 2.3(i)	The following documents also form part of the Contract:

	<ul style="list-style-type: none"> (i) the ESHS Management Strategies and Implementation Plans; and (ii) Code of Conduct (ESHS).
GCC 3.1	<p>The language of the Contract is English.</p> <p>The law that applies to the Contract is the law of Islamic Republic of Pakistan.</p>
GCC 4.1	<p>With reference to Sub-Clause 4.1, the following provisions shall also apply;</p> <p>The Project Manager shall obtain the specific approval of the Employer before carrying out his duties in accordance with the following Clauses/Sub-Clauses:</p> <ul style="list-style-type: none"> a) Any action regarding sub-letting of any part of the Works under Sub-Clause 7.1 “Subcontracting”. b) Approving Key Personnel under Sub-Clause 9.1 “Personnel and Equipment”. c) Any action under Clause 27 regarding “Extension of the Intended Completion Date” and “additional cost”. d) Issuing a Variation Order under Clause 38 “Variations”. e) Release of Retention Money to the Contractor under Sub-Clause 46.2 “Retention”. f) Issuance of “Certificate of Completion” under Clause 53 “Completion”. g) Issuing “Defect Liability Certificate” and “final payment certificate” under Clause 55 “Final Account”. h) The amount to be withheld for late submission of an updated Program
GCC 5.1	The Project manager may delegate any of his duties and responsibilities.
GCC 8.1	Schedule of other contractors: Not Applicable
GCC 9.1	The names of other Key Personnel and equipment shall be mutually agreed prior to signing of the Contract Agreement.
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, 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> <ul style="list-style-type: none"> (a) for loss or damage to the Works, Plant and Materials: to the full replacement value plus additional amount of fifteen percent (15%) of such replacement

	<p>value to cover any additional costs incidental to rectification of loss or damage, including professional fees and the cost of demolition and removal of debris. The permitted deductible shall not exceed 10% of loss amount on each & every loss.</p> <p>(b) For loss or damage to Equipment: to the full replacement value including delivery to the Site.</p> <p>(c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract: to the full value of loss or damage.</p> <p>(d) for personnel injury or death:</p> <p>(i) of the Contractor’s employees: as per statutory requirements of the Islamic Republic of Pakistan.</p> <p>(ii) of other people: as per statutory requirements of the Islamic Republic of Pakistan.</p> <p>The permitted deductible(s) are ‘Nil’ for para (b), (c) and (d).</p>
GCC 14.1	Site Data are: as per Section VII - Works’ Requirements.
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 Manager 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 Manager’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-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</p>

	activities to be undertaken. The updated C-ESMP shall be subject to prior approval by the Project Manager.”
GCC 20.1	The text of Sub-Clause 20.1 is replaced as under: “The Employer shall give the Contractor possession of those parts of the Site within such times as may be required to enable the Contractor to proceed in accordance with the Program.”
GCC 23.1 & GCC 23.2	Appointing Authority for the Adjudicator: Secretary Planning & Development Department
GCC 24.3	Hourly rate and types of reimbursable expenses to be paid to the Adjudicator shall be mutually agreed at the time of finalization of the Adjudicator in accordance with GCC 23.1.
GCC 24.4	Any dispute arising out of or in connection with this Contract, including any question regarding its existence, validity, or termination shall be referred to and finally resolved by arbitration under the Rules and Provisions of the Pakistan Arbitration Act 1940 amended from time to time. The place of arbitration shall be: Lahore
B. Time Control	
GCC 26.1	The Contractor shall submit for approval a Program for the Works within fourteen (14) 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 Manager of incidents in the following categories. Full details of such incidents shall be provided to the Project Manager within the timeframe agreed with the Project Manager. (a) confirmed or likely violation of any law or international agreement; (b) any fatality or serious (lost time) injury; (c) significant adverse effects or damage to private property (e.g. vehicle accident, damage from fly rock, working beyond the boundary) (d) major pollution of drinking water aquifer or damage or destruction of rare or endangered habitat (including protected areas) or species; or

	(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.
GCC 26.3	The period between Program updates is fourteen (14) days. The amount to be withheld for late submission of an updated Program is PKR 500,000.
C. Quality Control	
GCC 34.1	The Defects Liability Period is: three hundred and sixty-five (365) days.
D. Cost Control	
GCC 38.2	At the end of 38.2 add after the first sentence: “The Contractor shall also provide information of any ESHS risks and impacts of the Variation.”
GCC 38.7	Not Applicable
GCC 40 (Add new GCC 40.7)	The following is inserted as a new Sub-Clause 40.7: “ 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 Manager, may be withheld until the work or obligation has been performed, and/or the cost of rectification or replacement, as determined by the Project Manager, may be withheld until rectification or replacement has been completed. Failure to perform includes, but is not limited to the following: (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; (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;

	<p>(v) failure to submit ESHS report/s (as described in Appendix C), or failure to submit such reports in a timely manner;</p> <p>(vi) Failure to implement remediation as instructed by the Engineer within the specified timeframe (e.g. remediation addressing non-compliance/s).</p>
GCC 41.1	The 3 rd and 4 th sentences comprising text “If the Employer makes a late payment, the currencies in which payments are made.” are deleted.
GCC 44.1	The currency of the Employer’s Country is: Pak. Rupees (PKR)
GCC 45.1	<p>The text of Sub-Clause GCC 45.1 is replaced as under:</p> <p>Prices of Civil Works shall be adjusted for fluctuations in the cost of labour and material inputs only. The amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the following price adjustment factor to the due payment amounts. To the extent that full compensation for any rise or fall in Costs is not covered by the provisions of this or other Clauses, the Accepted Contract Amount shall be deemed to have included amounts to cover the contingency of other rises and falls in costs.</p> $P_n = a + b \frac{L_n}{L_0} + c \frac{E_n}{E_0} + d \frac{M_n}{M_0} + \dots$ <p>where:</p> <p>“P_n” is the adjustment factor for the portion of the Contract Price for Civil Works carried out in period “n”, this period being a month;</p> <p>“a” is a fixed coefficient, stated in the Schedule of Adjustment Data, representing the non-adjustable portion in contractual payments;</p> <p>“b”, “c”, “d”, ... are coefficients representing the estimated proportion of each cost element related to the execution of the Civil Works as stated in the Schedule of Adjustment Data;</p> <p>“L_n”, “E_n”, “M_n”, ... are the current rates for period “n”, each of which is applicable to the relevant tabulated cost element; and</p> <p>“L_0”, “E_0”, “M_0”, ... are the base rates, each of which is applicable to the relevant tabulated cost elements for the month falling on the date thirty (30) days prior to the deadline for submission of Bids.</p> <p>The following conditions shall apply to the price adjustment(s):</p> <p>a. No price increase will be allowed beyond the Intended Completion Date unless extended by the Project Manager under the terms of the Contract. No price increase will be allowed for periods of delay for which the Contractor is responsible. The Employer will, however, be entitled to any price decrease occurring during such periods of delay.</p>

	<p>b. No price adjustment shall be payable on the portion of the Contract price paid to the Contractor as an advance payment.</p> <p>c. No price adjustment shall be payable for any fluctuation in the rates of elements other than those given in Schedule of Adjustment Data.</p>
GCC 46.1	The proportion of payments retained is: 10% of Interim Payment Certificate and ceiling amount shall be 5% of the Accepted Contract Amount.
GCC 47.1	The liquidated damages for the whole of the Works are 0.10% of the final Contract Price per day. The maximum number of liquidated damages for the whole of the Works is 10% of the Accepted Contract Price.
GCC 48.1	Not Applicable
GCC 49.1	<p>The Advance Payment shall be 15% of the Accepted Contract Amount and shall be paid to the Contractor within a week after:</p> <p>a) receipt of an acceptable Performance Security by the Employer in accordance with Sub-Clause COC50.1;</p> <p>b) signing of Contract Agreement by the Parties;</p> <p>c) receipt of an acceptable bank guarantee by the Employer for the same amount and currency of the advance payment from a Scheduled Bank in Pakistan or from foreign Bank counter guaranteed by a Scheduled Bank in Pakistan, in the prescribed form; and</p> <p>d) receipt of Contractor’s invoice for advance payment by the Employer.</p>
GCC 49.3	<p>The text of sub-clause 49.3 is replaced as under:</p> <p>“Advance payment shall be recovered in equal installments; first installment at the expiry of first month after the date of payment of Advance and the last installment two months before the Intended Completion Date.”</p>
GCC 50.1	An Environmental, Social, Safety and Health (ESHS) Performance Security shall not be provided to the Employer.
GCC 50.1	<p>The Performance Security shall be in the form of an unconditional and irrevocable Bank Guarantee issued by a Scheduled Bank in Pakistan in the amount of ten percent (10%) of the Accepted Contract Amount and in the same currency of the Accepted Contract Amount. In case of foreign bank, it shall be counter guaranteed by a Scheduled Bank in Pakistan.</p> <p>In case of Joint Venture, the Performance Security shall be in the name of the Joint Venture or in the name of Lead Firm.</p>
E. Finishing the Contract	

GCC 56.1	The Contractor shall furnish to the Project Manager “as built” drawings at the completion of the Works under the Contract as per GCC Sub-Clause 53.1.
GCC 56.2	The amount to be withheld for failing to produce “as built” drawings by the time required in GCC 56.1 is PKR 2.00 million.
GCC 57.2 (g)	The maximum number of days is: one hundred (100)
GCC 58.1	The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is 35%.

Section X - Contract Forms

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Notification of Intention to Award

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

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

For the attention of Bidder's Authorized Representative

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

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

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

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

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

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

Notification of Intention to Award

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

Project: *[insert name of project]*

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

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

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

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

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract after which, you may:

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

1. The successful Bidder

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

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

Name of Bidder	Bid price	Evaluated Bid price (if applicable)
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]
[insert name]	[insert Bid price]	[insert evaluated price]

3. Reason/s why your Bid was unsuccessful

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

4. How to request a debriefing

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

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

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

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

Title/position: [insert title/position]

Agency: [insert name of Employer]

Email address: [insert email address]

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

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

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

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

5. How to make a complaint

Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).

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

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

Title/position: [insert title/position]

Agency: [insert name of Employer]

Email address: [insert email address]

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

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the seven business days after issuance of NoIA.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)\[https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005\]](https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005) (Annex III). You should read these provisions before preparing and submitting your complaint. In addition, the World Bank’s Guidance “[How to make a Procurement-related Complaint](http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework)” [<http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework>] provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an ‘interested party’. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

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

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

Beneficial Ownership Disclosure Form

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

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

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

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

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

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

To: *[insert complete name of Employer]*

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

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

Details of beneficial ownership

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

<i>nationality, country of residence]</i>			
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OR

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

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

OR

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

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

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

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

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

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

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

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

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

Letter of Acceptance

[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 (i) 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]* and (ii) the additional information on beneficial
ownership in accordance with BDSITB 47.1, within eight (8) Business days using the
Beneficial Ownership Disclosure Form, 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 ITB48.1 and GCC23.1.

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

Attachment: Contract Agreement

Contract Agreement

THIS AGREEMENT made theday 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 appendix;
 - (f) the Specification
 - (g) the Drawings
 - (h) Bill of Quantities;²⁶and
 - (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.

²⁶ 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

[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.

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)

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(ies) 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."*

is hereby excluded.

[signature(s)]

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

Advance Payment Security

Bank Guarantee

[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(s)]

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."*